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Volume 130 NOVEMBER 2, 1936 Number 18

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Oil Marketers Ask Trade Code

Safeguards Urged to Insure Robinson-Patman Act Enforcement

CHICAGO, Oct. 29, 1936.

The National Oil Marketers Association at its annual convention here went on record as favoring the calling of a trade practice conference for a code for the oil marketing industry, but asked that such code contain safeguards. Such safeguards would be, it was stated, such as would insure enforcement of the Robinson-Patman law and all other anti-trust laws.

It was further resolved that the Federal Trade Commission be notified that the National Oil Marketers Association represents many thousands of wholesalers and retailers of petroleum products in the country and that "there is a definite demarkation between the N.O.M.A. interests and those represented by C. E. Arnott or his associates," and that the association asks to receive from the commission sufficient notice of all conferences dealing with the marketing branches of the industry, in order that a committee may be enabled to present the many problems in which the association is vitally interested.

Another resolution stated:—

Whereas, refiners in general submit gasoline purchase agreements to jobbers which permit such refiners to either cancel or modify important provisions of such agreements, and often submit typewritten agreements for jobber's signature when such agreements have not been approved by authorized agents of such refiners, and upon the jobber's acceptance the refiners can change various sheets in such agreements without knowledge or consent of such jobbers.

Be It Resolved, that jobbers shall be advised only to accept such agreements that give them equal right either to terminate or suspend such agreements and that jobbers retain for their records copies of

(Continued on page 54)

Tung Oil Standardization Urged

Producer Tells Domestic Industry Success Depends on Showing Real Superiority of Product

"There is 'dynamite' in domestic tung oil if not controlled by standardization," declared Henry Bryant, president of the Southern Chinawood Oil Company, in an address at the annual meeting of the Tung-Oil Association of America, in Pensacola, Fla., October 20.

Speaking on "Tung Oil Marketing," Mr. Bryant emphasized the necessity for thorough knowledge of the markets for tung oil, particularly of the requirements of consumers, and he declared that the establishment of certain standards of quality by which American tung oil might be measured was of paramount importance to the success of the domestic industry. He warned against erroneous feeling that, merely because oil was made from nuts grown in the United States, all that was to be done was to sit back and get a premium price for the product. Definite standards for acid number, iodine number, moisture, and molecular stability were urged by Mr. Bryant.

Recognizing the strength of the position of tung oil as a material in the manufacture of varnishes and enamels, Mr. Bryant said that, even though the oil was wanted at almost any price, the lack of stability of prices was the bane of consumers. To the uncertainty in this respect he attributed the active interest of manufacturers of varnishes and enamels in the establishment of a domestic tung oil industry. Giving credit to the manufacturers for their large financial support of the movement, he said that the future of the industry hinged largely on the possibility of effecting the price stability which the consumers sought, and being able to provide oil at a reasonable cost.

The effects of the Chinese nationalization of tung oil had been discounted in the advancing of prices around April, this year, Mr. Bryant said; and formal announcement of the nationalization had been followed by successive reductions in the price of the oil. This had been ascribed in part to the preference of Chinese holders for American money and their desire to get cash at the time. But, the steady reduction subsequently, he felt, was caused by something other than the nationalization scheme, because it ran counter to the statistical relations of supply and demand.

Price Affects Use

Replacement of tung oil with other materials is becoming evident, Mr. Bryant said; and this presents a nightmare for tung growers. He saw the influence of high prices in this, and felt that it might be more valuable than otherwise to the American industry by helping to eliminate speculation. Tung growing, presupposing a price of 20 cents a pound for oil, will never pay, he declared. A price of 15 cents, he said, was fair enough for producer and consumer alike.

Although the weight of opinion is that tung oil prices cannot be stabilized, Mr. Bryant believed that a dependable and steady domestic supply would effect stability. He pointed out the ease with which stocks of oil can be carried over, and said that this ability to level the supply would aid to level prices also. But, he warned against undue assurance of a ready market, pointing out the necessity that the grower consider the varying oil content of the nuts and the wide range of moisture, and aim to deliver nuts of prime quality free from foreign matter.

The evident superiority of domestic tung oil, he said, had enabled producers to get a premium in price. This, he thought, was partly attributable to curiosity on the part of consumers, because light color and low acid number alone do not justify higher prices, and purity may be a drawback because consumers' processes are adapted to oils of unknown quality; furthermore leading importers invariably reprocess the oil they bring in and are offering a high grade in a dependable supply.

Believing in the wisdom of co-operative marketing of tung nuts, Mr. Bryant pointed out that it placed the speculative risk on growers. In his belief, the sound method would be for each grower to find a dependable processor or factor to carry the intermediate stages and settle with him on the basis of prices for oil at the time of its delivery to the consumer.

U.S. Tung Oil Production

A brief history of the development of tung oil production in the United States was presented at the joint meeting of the association and the Farm Chemurgic Council by C. C. Concannon, chief of the Chemical Division of the United States Bureau of Foreign and Domestic Commerce, who also discussed certain pertinent points in respect of the future of this industry. With a skimming reference to sporadic plantings of tung trees which had been started in 1902, he turned to the commercial phase which began but little over a decade ago, and has reached to a total of at least 75,000 acres in plantings. His estimate was that this year's production of domestic oil would be about 2,000,000 pounds.

Domestic production of tung oil first reached a small commercial volume in 1932, Mr. Concannon said. In 1933 there was practically no production, but a total of more than 300,000 pounds was reached in 1934. Because of adverse weather the 1935 crop was relatively small. This year the crop of nuts appears to be sufficient to produce 2,000,000 pounds of oil. Facilities for crushing the nuts are being extended in all the tung-growing States, he said, and growers are receiving bids ranging from $30 a ton for dried nuts to $32 on a sliding scale on the basis of 40 gallons of oil per ton. Estimates of milling costs, he said, run from $6 to $8 a ton.

(Continued on page 34)

Oils Freights Basis Offered

I.C.C. Proposes Differential For Deodorized and Crude Grades

R.R. Schedules Cancelled

Harmony in Rates on Edible and Inedible Products Sought —Cake, Meal Changes

WASHINGTON, Oct. 29, 1936.

Revision of freight rates on vegetable, fish, sea, animal, and red oils throughout the United States, to provide higher rates for deodorized oils than for those not deodorized, was proposed by the Interstate Commerce Commission today as the solution to a two-year controversy over discrepancies between rates on edible and inedible oils.

The commission ordered cancelled tariff schedules filed by the railroads two years ago proposing to make vegetable oil rates inapplicable to any oil, whether edible or not, when shipped in a container of less than 42 gallons capacity. The railroads are now free to file new tariffs based on the commission's suggestion.

The difficulty grows out of the fact that there is one set of rates for vegetable oils and related products, established by the commission after a study of the cottonseed rate structure, and these rates do not apply to edible oils although many of the products are convertible for edible purposes. Cooking and salad oils and lard substitutes take higher rates based on the packing house products' rate structure. It has developed that many edible oil products have been moving under the cottonseed rate structure when they should have been charged the higher packing house rates, and to remedy this the railroads proposed to make the vegetable oil rates inapplicable to products shipped in containers of less than 42 gallons, and also to prohibit refining in transit unless the product from the transit point was subject to the same restriction.

The carriers justified their proposal on the ground that it was impossible to determine when a product ceased to be a vegetable oil and become a cooking oil, and they argued that the dividing line should be the size of the package on the ground that products in barrels of 42 gallons or larger containers do not go into the same class of trade as products in smaller containers, and the two therefore are not competitive. The commission concluded that this argument was not sound and the proposed restriction would create undue preference between the purchaser of edible or inedible products in small containers and the purchaser who was equipped to receive shipments in larger containers. The commission agreed that edible oils should take the packing house rates rather than the cottonseed products rates and declared that the best dividing line would be deodorization, stating:—

None of the vegetable oils is commercially salable as an edible product until it has been specially deodorized, and none of them is so deodorized except to make it edible. If, therefore, a tariff provision stating that the vegetable oil rates are not applicable on cooking oil would require to be fortified by a definition of cooking oil, it could apparently be accurately defined as any liquid oil which has been made suitable for human consumption by deodorizing.

The commission added that any revision of rates or transit privileges should not upset the relationship between rates on cooking oil and lard and lard substitutes.

Commissioner Splawn dissented on the ground that deodorization as a di-

(Continued on page 34)

N.Y. Drug Group Discusses Laws

Hazards of Patman Act and Requirements for Proper Revision of Drug Law Get Attention

Declaring that the Robinson-Patman act is an incomplete endeavor for the necessary and commendable correction of widespread business abuses, James F. Hoge, counsel of the Proprietary Association, told the Drug, Chemical and Allied Trades Section of the New York Board of Trade in its Fall meeting, October 23, that the phraseology of the act needed wide revision. The greatest peril under the act as it stands, he found in the opportunity for civil suits for damages. He did not agree with those who regarded this hazard lightly with the feeling that awards of damages under the basic antitrust laws had been few and unsubstantial. He cited from the records of actions under those laws to show that even the reported cases proved that awards of damages had been far from negligible.

As he saw it, damage suits under the new act would not develop speedily. Those who believed they were being damaged would wait as long as the statutes of limitations permitted before instituting litigation. In the meantime, Mr. Hoge pointed out, sellers could not know whether they were violating the act. Even though they might be well guided by the findings of the Federal Trade Commission, the higher courts, confronted with a question of the letter of the law, might reverse the commission's position which had been taken with a broad exercise of reasonableness. In that event, he warned, innumerable actions for damages would be engendered.

Changes Needed

The need for revision of the Robinson-Patman act to clarify its application is vital, Mr. Hoge said. The friends of its purpose should be in the vanguard in furthering its revision. The philosophy of the law should lie clearly in one of two classifications: either it should be definite in all respects, or it should authorize administrative flexibility; and, if the latter, the penal provisions should not be severe, especially in opportunities for vindictive actions. He felt that section 3 should be eliminated.

Among other changes he suggested was the elimination of the confusion caused by the use in one place of the word, "customer," and the use of "buyer" in another place, and by the similar use of "accord" and "make available." He suggested a full definition of "price," and a specific statement of whether there was a distinction between wholesaler and retailer.

Food and Drugs Law

Mr. Hoge also discussed the incompleted task of revising the Federal food and drugs act, deploring the lack of objective approach, which, he said, tended to make the government and the industries concerned ridiculous in their inability to get a satisfactory new law.

(Continued on page 52)

Closing Market Developments

Blood Up in Chicago

Dried blood was quoted at $4 per unit, an advance of 25c. over the asked figure earlier in the week. Feeding materials were leaning in a firmer direction.

Chinawood Oil Quiet

Chinawood oil was quiet late in the week. Hankow continued easy and this condition was reflected in domestic markets. Buying interest was limited, however, and while old crop oil was quoted at 12.8c. per pound in tankcars this figure was apparently largely nominal.

Black Copper Oxide Up

Prices for black copper oxide were advanced ¼c. per pound late last week. Sellers were quoting 14¾ to 15¾c. per pound, according to quantity.

Tin Salts Strong

Prices for the various tin salts were strong at the close of the week. Sellers were quoting tin crystals, 35½c. to 36c. per pound; anhydrous tetrachoride, 23¾c. per pound; and soda stannate, 31c. to 34c. per pound. Straits tin was quoted at 46½c. per pound.

Coriander Oil Stocks About Exhausted

Stocks of coriander oil were virtually exhausted on the spot late last week. No oil was offered for open market sale and the very small supplies dealers might still have were reserved for special customers. Europe offered a very small quantity at $16 per pound in response to cable inquiry. The story was that the Soviet Union has stopped exporting either seed or oil. Tansy oil was in low supply at $2.35 to $3 per pound as to seller. Distilled ginger was advanced to $5.85 to $7.25.

Ergot Much Stronger

Ergot was much stronger late last week. Total stoppage of all offers from Portugal was the common experience. Hence, at the close of the period, the market was considered to be nominal at $1.50 per pound, the price being paid reluctantly and without offer. Kamala was advanced for the second time last week, making prices 40c. to 41c. per pound. The item has sold as high as $1.75 per pound.

Alcohol Source Tests Planned by U.S. Bureau

WASHINGTON, Oct. 26, 1936.

Construction of new equipment by which it is hoped eventually to determine the source from which alcohol was produced is now under way in the laboratory of the Bureau of Internal Revenue.

The equipment consists of three specially designed 138-plate distillation columns built to specifications developed by experts of the bureau and other government departments. The stills will be used in testing and analyzing alcoholic beverages and industrial solvents and related products. Dr. Herbert Wollner, chief chemist in the Treasury Department, plans through the use of this equipment to develop the technic of alcohol testing to a degree of refinement equal to that of methods used for other industrial products and materials. He declared that alcohol testing methods have lagged behind other branches of chemical research.

The stills will be used also for testing the effectiveness of denaturants, and it is expected that they will be so accurate in breaking down compounds as to show whether commercial alcohol was made from molasses, corn, gas, or other material.

Trade News Briefs

Hughes & Bell, Ltd., paint manufacturer, has purchased a large factory in Eccles, England, with the view of centralizing its operations and increasing its output.

Imperial Oil Company, which recently started leasing its service stations in Ontario, has retired from the retail field in the Province of Quebec through leasing its 30 stations there.

Lydia E. Pinkham Medicine Company officials have, apparently, settled one phase of their family quarrel by dividing the company's advertising between Erwin, Wasey & Co., this city, and the Northeastern Advertising Agency, Lynn, Mass. Advertising in the Western States and western Canada will be handled by Erwin, Wasey & Co.; that in the eastern part of both countries will be handled by the Lynn agency.

Chemical Price Trend Droops

While the number of articles affected were closely divided between price advances and price reductions made last week in the markets for heavy and fine chemicals, the weight of the changes was on the downward side. This effect was noticeable in the coaltar and pharmaceutical divisions. The 1937 schedule on alkalies was expected this week. Other schedules are a bit delayed.

Business in general was slowed up a little, largely because of the nearness of the election with the uncertainty of the outcome. Seasonal consuming slackness also was an influence.

Prices were advanced on litharge and orange mineral in keeping with the quotation on lead. Other advances applied to tin salts, zinc stearate, glycerin, milk powder, cocoa butter, raw bone, and domestic tankage and nitrogenous fertilizer material. Lower prices were named on bicarbonate of soda, industrial sorts of refined naphthalene, antimony metal, titanium dioxide, titanium white pigment, completely denatured alcohol, synthetic camphor, menthol, bonemeal, and Japanese sardine meal, and on hoofmeal at Chicago.

The REPORTER'S composite index number dropped slightly to 125.6 (compared with August 1, 1914, as 100). In comparison with average prices in 1926 (as 100), the REPORTER'S index number is now 88.9, against 89.2 at this time last year.

National Oil Refineries, Llandancy, Glamorgan, Wales, is spending about £105,000 in modernization and extension of its plant, with the prime purpose of increasing its production of lubricating oils.

Oil and gas map of New Mexico has been revised to July 15 by the State Bureau of Mines and Mineral Resources, and the new map has been published in bulletin 9 of the bureau by the New Mexico School of Mines, Socorro.

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Oil, Paint and Drug Reporter, Volume 130, No. 18, November 2, 1936. Published by Oil, Paint and Drug Publishing Company, Inc., 12 Gold Street, New York. Entered as second-class matter January 15, 1884, at the Post Office at New York, N. Y., under the Act of March 6, 1879.

Fair Trade Appeals Set for Next Week

WASHINGTON, Oct. 29.

The four cases before the Supreme Court of the United States appealing decisions on the fair trade acts of California and Illinois have been set for argument in the week of November 9. From the looks of the week's calendar these cases could be called at any time from Wednesday to Friday, Thursday appearing to be the most likely day.

Foreign Tariff Notes

Information recently published by the Department of Commerce on foreign tariffs and related trade regulations includes the following data:—

Alcohol:—Greece has reduced the consumption tax on imported and domestic alcohols as follows:—From 35 drachmas to 20 drachmas per kilo on pure alcohol and beverages and preparations containing 70 percent or more of alcohol; from 25 drachmas to 15 drachmas per kilo on products containing from 30 to 70 percent of alcohol; and from 10 drachmas to 6 drachmas per kilo on products containing less than 30 percent of alcohol.

Aluminum:—Germany has removed the import duty on aluminum, in ingots, bars, pigs, grains, or cast slabs, until March 31, 1937.

Camphor:—French Indochina has reduced the duty on camphor, following approval by the French government.

Cocoa Beans: — Czechoslovakia has made imports of cocoa beans subject to permit requirement.

Fusel Oil:—Poland has added fusel oil for industrial purposes to the list of products for which import duty reductions may be granted by special permit—40 percent from the usual duty of 150 zlotys per 100 kilos in the case of imports from the United States and other most-favored-nation countries.

Gasoline:—Latvia has reduced the import duty on gasoline from 0.30 to 0.26 lat per kilo.

Kerosene and Gas Oil:—Latvia has reduced the import duty on kerosene and gas oil from 0.02 lat to 0.005 lat per kilo.

Litharge:—Czechoslovakia has made imports of litharge, ground or in powder, subject to permit requirement.

Oil Cakes:—Sweden, by royal decree, has reduced the tax on imported and domestically produced linseed cake and linseed meal from 0.03 crown to 0.02 crown per kilo and on other oil cake and related products from 0.05 crown to 0.04 crown per kilo.

Pectin:—Costa Rica has reimposed on pectin the increased import duty which expired September 1 after being in effect for five years.

Petroleum and Gasoline:—Cuba has extended for an additional six months from October 2, without regard to the country of origin, application of the minimum duty rates to imports of crude petroleum and gasoline.

Deterding Retiring as Royal Dutch Head

Sir Henry Deterding, head of the Royal Dutch-Shell oil combine, will offer his resignation as general managing director of the Royal Dutch Company at the next shareholders' meeting November 17. According to advices from headquarters of the Royal Dutch oil empire in The Hague, Holland, Sir Henry's retirement will take place January 1, next year, and J. B. F. de Kok, present managing director of the company, will succeed him. Sir Henry will assume a place on the board of directors.

The retiring oil king is seventy-one years old. He entered the employ of the Royal Dutch Company as a clerk in 1890. At that time the company operated oil wells on a small scale in Borneo. Six years later Sir Henry became managing director of the concern, and went on to build one of the largest and most powerful business enterprises in the world. Sir Henry is a Knight of the British Empire and has been decorated by many governments

Chemical Workers, Payrolls Increase

Employment Advanced 4.5% And Wages Made Gain of 3.2% in Month

Factory employment in the manufacture of chemicals and related products in the United States made an advance from August 15 to September 15, 1936, a gain of 4.5 percent being reported by the Bureau of Labor Statistics. At the end of the monthly period employment stood 5.2 percent above the corresponding level for September, 1935. Payroll totals increased 3.2 percent during the monthly period, and stood 9.6 percent above the September, 1935, level.

The Bureau of Labor Statistics' index number for factory employment in the chemical group of industries September 15, 1936, was 116.5 (100=1923-25 average), compared with 111.4 for August, and 110.7 for September, 1935. The bureau's index number (same basis) for payroll totals was 108.6 at September 15, 1936, 105.2 for August, and 99.0 for September, 1935.

The bureau's general index numbers for all manufacturing industries, September 15, 1936, show the following:—

	Sept., 1936.	Aug., 1936.	Sept., 1935.
Employment	90.6	89.0	83.7
Payroll totals	81.0	81.1	71.7

Employment in the chemical group of industries, September, 1936, was 28 percent above the general average for all industries, and 39 percent above the general average for September, 1935. Payroll totals were 34 percent above the general average for all industries, and 51 percent above the general average for September, 1935.

Detailed Comparisons

Details for the several divisions comprised in the calculation of the Bureau of Labor Statistics' September 15 index numbers for the chemical group of industries show the following comparisons:—

Employment

(100=1923-25 Average)

	Sept., 1936.	Aug., 1936.	Sept., 1935.
Chemicals	119.6	115.8	108.0
Cottonseed oil, cake and meal	88.0	41.5	86.1
Druggists preparations	99.2	96.4	99.5
Explosives	98.2	94.3	86.2
Fertilizers	90.1	70.0	82.6
Paints and varnishes	112.9	111.3	106.7
Petroleum refining	111.6	111.1	110.1
Rayon and allied products	366.3	362.9	353.6
Soap	109.3	103.4	103.1

Payroll Totals

(100=1923-25 Average)

	Sept., 1936.	Aug., 1936.	Sept., 1935.
Chemicals	115.7	113.2	98.8
Cottonseed oil, cake and meal	97.3	46.3	88.8
Druggists preparations	100.8	98.8	97.3
Explosives	93.0	92.6	71.3
Fertilizers	96.7	67.8	77.1
Paints and varnishes	100.2	100.1	89.5
Petroleum refining	106.5	105.5	102.8
Rayon and allied products	286.6	284.4	264.1
Soap	104.1	102.6	99.4

Data compiled by the Bureau of Labor Statistics for basic non-manufacturing industries related to the chemical industries afforded the following com-

(Continued on page 26)

Toiletries Trade Parley Is Authorized by F.T.C.

WASHINGTON, Oct. 30, 1936.

The Federal Trade Commission has authorized the holding of a trade practice conference for the toilet goods manufacturing industry, application for which was made to the commission following a meeting of a large number of members of the industry in New York the latter part of July.

The purpose of the conference is to adopt trade practice rules for the elimination of any unfair business practices or trade abuses that may exist within the industry.

The time and place for holding the trade practice conference will be announced later.

Members of the industry requesting the conference are manufacturers of perfumes, toilet waters, face powders, face creams, rouges, shaving creams, depilatories, manicure preparations, toilet soaps, and like articles. The annual wholesale value of the sales of the products which will be affected by the conference, excluding sales in barber shops and beauty parlors, is said to be in excess of $200,000,000.

The Robinson-Patman Act A Means to An End

By James F. Hoge

Address before the National Wholesale Druggists' Association, In Its 1936 Meeting

(Continued from October 26 issue)

Classification of Customers

The act would be a more perfect instrument if the condition appeared at the end of section 1, or if, appearing as it does at the beginning of the section, it were expressly clear that it applies to everything in the section—all the subsections.

If classification of customers for purposes of difference in treatment is permitted under the law, it is uncertain what class to accord consumer cooperatives. It may be argued that they are consumers. But, they sell at retail, and to others than their members. The character of selling, and not of buying, determines the proper class just as with wholesale and retail cooperatives or mutuals.

This point cannot be left without reference to dealers who sell both at wholesale and at retail. If differentials are allowed such a dealer on the basis of his classification as a wholesaler, then competing retailers who are injured because that dealer diverted the differentials into retail channels may complain. If, on the other hand, he receives a differential because of his classification as a retailer, then a competing wholesaler who has been injured by such dealer diverting the differential into wholesale channels may complain.

Therefore, it is almost impossible to classify such dealer entirely in either class. And, perhaps, a practical way for a seller to treat him is to require that he specify on his orders the department of his business in which the goods are to be distributed. The seller should attempt to see that the goods are actually distributed in the department specified.

But, whether the seller polices the matter or not, he apparently is liable if the dealer does not move the goods as specified because the act says nothing about a discrimination being *granted* knowingly. It is only the receiver who is protected if he *receives* the discrimination unknowingly. The only *safe* way is to refuse to sell to dealers who sell at both wholesale and retail.

A Means to Many Ends

And so, the law is uncertain, ambiguous, and susceptible of absurd constructions—a means to ends yet to be determined.

If the so-called rule of reason is revived and read into it—if the courts will do the job that Congress should have done, and supply by their decisions the definitions and the exclusions which Congress should have supplied—the ultimate effects will be conducive to an improved state of commercial health.

The necessity of cost accounting, like virtue, may have its own rewards. Economists contend that a considerable part of business is carried on at a loss. Stricter accounting may show that the large buyer does not always receive the differential to which he is entitled, and that the small transaction is inordinately high in cost.

As competitive changes occur, periodic alteration in the price structure may be necessary to justify price discrimination. And, price publicity may be encouraged in order to comply with the words "available" and "accorded."

The prohibition against discrimination in price between commodities of like grade and quality may emphasize quality rather than name. Grade labelling need not necessarily come. Trademarks need not necessarily go. They could profit by standing more for quality than frequently they do under modern high-pressure advertising.

Enforcement of the law, with fidelity to the end for which it was conceived, may restore the buying power of the small trader and reveal, with surprise to many, the potential purchasing power of the small buyer in the aggregate.

A seller must stop giving one of his buyers a dagger with which to stab another. Capital that has flowed into unjustified favors for favored customers to use in choking the competition of unfavored customers may find its way into new and larger channels of sales promotion whereby the many, rather than the few, are benefited and quickened in widespread distribution.

On the other hand, if the act is given a literal application, business will find itself in a strait-jacket unless through radical changes it finds ways to escape the law's entangling and tormenting meshes.

So, if a seller cannot offer differentials in price between different classes of customers, wholesalers, retailers, and consumers, and for that, or other reasons, must do business with only one class of customers, the sellers must discontinue selling direct and sell only to middlemen ,or eliminate middlemen and sell direct. If he takes the latter course, then, perhaps, he must establish branch plants in different sections of the country, or, with other sellers, enter upon a co-operative scheme of distribution.

The right to select customers is not aboslute. It may be exercised only in bona fide transactions and, then, not in restraint of trade. As already pointed out, the act is ambiguous as to the extent of the right under it and, particularly, as to the extent of the right to classify customers for different treatment.

In proper cases of fact, both rights may be limited by the application of subsections (d) and (e). They have to do with services and facilities furnished the customer or furnished by the customer and paid for by the seller. The retail dealer who buys direct from the manufacturer and obtains such services or payments has a distinct advantage over the retailer who buys from the wholesaler and does not receive them.

If a manufacturer cannot furnish services to retail dealers to whom he sells direct without furnishing the same services on proportionally equal terms to all other retailers, whether he sells them direct or not, he probably will find it both profitable and practical to go to one class of customers—either wholesalers, retailers, or consumers.

If sellers, selecting their customers, draw the lines too tight, the resulting injustice may precipitate a construction requiring one-class distribution.

The act may become a means of encouraging the movement toward producer and consumer co-operatives such as have attained large proportions abroad and are now growing in the northwestern part of this country. That was one of the purposes ascribed by Congress for section 4.

A commission appointed by the President returned two weeks ago from a study of co-operatives in England and Sweden. The Scott consumers' credit bill, introduced in the last session of Congress, provided, among other things, for the establishment of a consumers' advisory council and authorization for lending up to $75,000,000 to consumer and producer co-operatives. Co-operative farm organizations now obtain federal loans.

(Continued on page 46)

N.F.A. Convention to Discuss Patman Act

Discussion of the Robinson-Patman Act will occupy practically two days of the southern convention of the National Fertilizer Association, in Atlanta, Ga., November 9 to 11. A. D. Strobhar, president of the organization, will make his address in the forenoon of November 10, and the annual industry dinner will be held that evening.

The afternoons of November 10 and 11 will be taken up with consideration of the Patman act, in the following phases: The act in its relation to the fertilizer industry; unlawful discriminations and competitive injury resulting therefrom; quantity discounts; discounts based on classification of purchasers; co-operative associations; pricing areas; meeting competitors' prices; agents and their compensation; interstate and intrastate commerce; criminal provisions; legal consequences of violation; Federal Trade Commission, and buden of justification.

Carbon Dioxide Industry Asks F.T.C. Conference

WASHINGTON, Oct. 27, 1936.

Application for a trade practice conference for the carbon dioxide industry in the United States has been filed with the Federal Trade Commission by the Carbon Dioxide Institute, with offices at 75 East Forty-fifth street, New York.

The executive committee of the institute recently adopted a resolution directing the president of the organization to make application to the Federal Trade Commission "for the authorization of a trade practice conference of the carbon dioxide industry, and to co-operate with the Federal Trade Commission on behalf of this institute to promote the success of such trade practice conference."

Members of the carbon dioxide industry are engaged in the manufacture of carbon dioxide by several methods or processes. Principal among such products are liquid carbon dioxide, commonly known as carbonic acid gas, and solid carbon dioxide, popularly known as dry ice.

There are about 30 members of the institute engaged in the manufacture of carbon dioxide, either in liquid or solid form, which is approximately one-half the number of firms in the country engaged in such production. Sales of carbon dioxide by the entire industry in 1935 approximated $9,500,000. The industry has invested capital approximately $25,000,000, and employs about 1,500 workers.

The officers of the Carbon Dioxide Institute are:—President, George M. Pettee; secretary-treasurer, Roswell S. Frichette; vice-presidents, W. W. Ogier, jr., of Dry Ice, Inc., and Irving H. Taylor, of the Michigan Alkali Company.

N.P.V.L.A. Reservations Filling Chicago Hotels

Reservations for the annual convention of the National Paint, Varnish and Lacquer Association, in Chicago, November 18 to 20, have been made in such large numbers that Ernest T. Trigg, president of the association, has designated a third hotel, the Maryland, as official for the convention. The Drake hotel, headquarters, and the Knickerbocker, just across the street, have been completely engaged by the delegates, and Mr. Trigg urges all those planning to attend the convention to make their reservations as soon as possible at the Maryland.

The committee on arangements and entertainment has provided the following progam of entertainment for two days of the meeting:—

November 18, afternoon, Ladies musicale and tea party, Drake hotel; evening, "Gay Nineties Party," Knickerbocker hotel.

November 19, mid-day, Ladies luncheon and bridge party, Drake hotel; evening, the annual banquet, Drake hotel.

The committee reports that the "Gay Nineties Party" will be an affair at which the members "will revel in real, old-fashioned style, with fond recollections of the 'good old days' when the horseless carriage was a doubtful experiment and the horse and buggy a dependable transportation—when the melodrama depicted 'our hero' and his protection of 'Little Nell,'—and the 'city slicker.'" And other typical features will carry the delegates back to those "glorious and glamorous days once again."

Because of the reduction in railroad passenger rates and cancellation of surcharges in the eastern section of the country, the identification certificate plan will not be put to effect this year. On trains of the Central, New England, Canadian passenger, and Trunk Line associations, the reduced rate of 3 cents per mile in sleeping cars or parlor cars, and 2 cents per mile in coaches, will prevail. On trains in other sections, the same or lower rates will be in effect.

N.A.I.D.M. Meets Dec. 7-8

The National Association of Insecticide and Disinfectant Manufacturers will hold its next annual meeting in the Penn Athletic club, Philadelphia, December 7 and 8.

H. Mart Smith, of W. R. Grace & Co., this city, will sail for Europe November 4 on the Queen Mary. He will be abroad several months, visiting various European and Far Eastern cities.

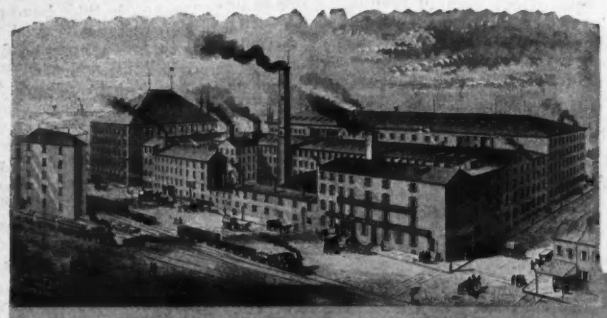
A Guaranty of MERCK *Purity & Reliability*

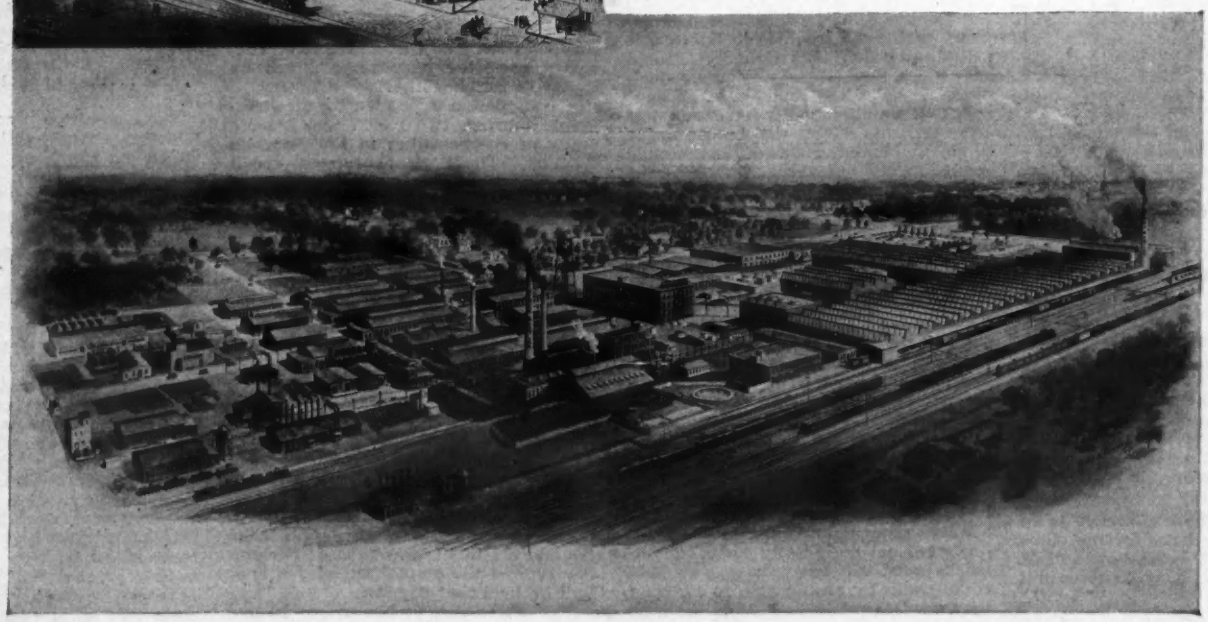
Merck Quinine Sulfate

One hundred and fourteen years ago the firm of Powers & Weightman, later merged with Merck & Co., began the manufacture of Quinine Sulfate. Ever since that time an increasing number of pharmaceutical manufacturers have standardized on the first "Made in America" quinine, and today Merck Quinine Sulfate U. S. P. is a leader in the field.

This preference of the Merck brand by discriminating customers is due to the uniform purity and efficacy of the product; and these two important factors are the result of long manufacturing experience and rigid laboratory control.

Merck Quinine Sulfate is available in several different densities, all standardized, for capsulating. In accordance with the interpretation of the Pure Food and Drugs Act, the improved U. S. P. XI product will be supplied on all unspecified orders. The U. S. P. X product, regular and bulky, is available on specification. Write us regarding your manufacturing problems and requirements.





MERCK & CO. Inc. **Manufacturing Chemists** **RAHWAY, New Jersey**

NEW YORK PHILADELPHIA ST. LOUIS ★ In Canada: Merck & Co. Ltd. MONTREAL and TORONTO

Current Market Quotations

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

A

Acacia (see Gum, Arabic)
Acetal, dms., works..lb. .75 - 1.00
Acetaldehyde, dms., works..lb. .14 - .16
Acetamide, CP, bots., kegs, 1,000 lb. min., works..lb. .43 - —
tech., kegs, 1,000 lb. min., works lb. .38 - —
Acetanilide, tech., 95%, bbls..lb. .24 Nom.
USP, bbls..lb. .28 - —
Acetin, tech., dms..lb. .23 - .28
Acetoacetanilide, dms. ..lb. .65 - .70
Acetone, CP, dms., c.l., dlvd..lb. .06 - —
l.c.l., delvd..lb. .06¼- —
tanks, delvd..lb. .07 - —
Methyl (see M)
Acetophenone, bots., cns..lb. 1.25 - 2.25
Acetphenetidin, kegs..lb. 1.30 - 1.40
Acid, abietic, bbls., c.l..lb. .06¾- —
l.c.l. ..lb. .07 - —
Acetic, comi. or redist., 28% bbls. 100 lbs. 2.45 - 2.70
cbys. ..100 lbs. 2.95 - 3.20
56%, bbls. ..100 lbs. 4.60 - 4.85
cbys. ..100 lbs. 5.10 - 5.35
70%, bbls. ..100 lbs. 5.75 - 5.96
cbys. ..100 lbs. 6.23 - 6.48
80%, bbls. ..100 lbs. 6.53 - 6.78
cbys. ..100 lbs. 7.08 - 7.23
glacial, natl., CP., cbys.100 lbs.14.00 - —
comi. bbls. ..100 lbs. 8.43 - 8.68
cbys ..100 lbs. 8.93 - 9.18
USP., dms. ..100 lbs.10.50 - —
cbys. ..100 lbs.11.00 - —
synth., 99.5%, al. dms.100 lbs. 8.43 - 8.68
cbys. ..100 lbs. 8.93 - 9.18
USP., reagent, 99.5%, al. dms—100 lbs.10.50 - —
cbys. ..100 lbs.11.00 - —
pure, 99%, bbls..100 lbs. 3.52 - 3.77
cbys. ..100 lbs. 3.92 - 4.17
50%, bbls. ..100 lbs. 3.95 - 4.20
cbys. ..100 lbs. 4.45 - 4.70
60%, bbls. ..100 lbs. 6.63 - 6.88
cbys. ..100 lbs. 7.13 - 7.38
99%, bbls. ..100 lbs. 8.33 - 8.58
cbys. ..100 lbs. 8.83 - 9.08
Acetic acid prices are on freight allowed basis in zone 1 (East of Mississippi River). Zone 2 (Mississippi River to Rocky Mounts), $1.50 per 100 lbs. higher, Zone 3 (Pacific Coast), $1.75 per 100 lbs. higher.
Acetic, anhydride, dms., c.l..lb. .15 - —
l.c.l. ..lb. .16 - .19
Acetylsalicylic, USP, bbls., 225 lbs..lb. .58 - —
boxes, 100 lbs..lb. .59 - —
50 lbs. ..lb. .60 - —
25 lbs. ..lb. .61 - —
kegs, 100 lbs..lb. .58 - —
Anthranilic, refd., bbls..lb. .85 - .95
tech., bbls. ..lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP., powd., dms., kegs...lb. .18 - —
Benzoic, tech., kegs..lb. .40 - —
USP., kegs..lb. .54 - .59
Battery, cbys..100 lbs. 1.60 - 3.50
Boric, tech., 99.5%, gran., bbls., contracts, 60 tons, delvd. ton.105.00 - —
c.l., delvd..ton.110.00 - —
l.c.l., ex whse..ton.125.00 -129.00
sks., contracts, 60 tons, delvd..ton.95.00 - —
c.l., delvd..ton.100.00 - —
l.c.l., ex whse..ton.105.00 -110.00
powd., bbls., contracts, 60 tons, delvd..ton.110.00 - —
c.l., delvd..ton.115.00 - —
l.c.l., ex whse..ton.120.00 -125.00
sks., contracts, 60 tons, delvd..ton.100.00 - —
c.l., delvd..ton.105.00 - —
l.c.l., ex whse..ton.110.00 -125.00
USP., $25 per ton higher.
Broenner's, bbls..lb. 1.16 - 1.21
Butyric, 96%, w.w., cbys., works, lb. .25 - .30
edible, cbys., works..lb. 1.20 - 1.30
synthetic, 99%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis..lb. .23 - —
tanks, same basis..lb. .21 - —
Camphoric, cans..lb. 5.50 - —
Caproic, cans..lb. 2.20 - —
Carbolic (see Phenol).
Castor oil, split, dms..lb. .16 - .16½
Chicago, bbls..lb. 2.10 - —
Chlorosulphonic, dms..lb. .03¼- .06
Chromic, 99%, dms., delvd. N.Y. lb. .14¾- .16¾
Cinnamic, refd., bots..lb. 2.85 - 3.35
Citric, cryst., bbls..lb. .25 - —
kegs ..lb. .25½- —
gran., bbls..lb. .25 - —
kegs ..lb. .25½- —
powd., bbls..lb. .25½- —
anhyd., gran., dms..lb. .28 - —
powd., dms..lb. .28½- —
Prices on citric acid are f.o.b. N. Y.; Chicago and St. Louis deliveries are ½c. higher than N. Y.
Cleve'a, bbls..lb. .52 - .54
Coconut oil, white, dms..lb. .1180- .1225
Cottonseed oil, dms..lb. .0710- .0800
Creasylic, 99%, high-boil, straw color, dms., c.l., f.o.b. seaboard, fr't. equald. E. producing points..gal. .73 - .74
l.c.l., same basis..gal. .75 - —
c.l., West fr't. equald. M.W. prod. points..gal. .74 - .75
l.c.l., same basis..gal. .76 - —
low-boil, straw color, dms., over 500 gals., frt. equald.nearest competitive prod. point...gal. .81 - —
less than 500 gals., same basis, ex- .88 - —
spec. resin grade, high-boil, dms., over 500 gls., same basis..gal. .71 - .72
less 500 gals., same basis gal. .73 - —
imported, drums..gal. .79 - .94
Acid, crotonic, dms., works...lb. .90 - 1.00
Diethylbarbituric (see Barbital).
Epsilon, bbls..lb. .77 - .79
Formic, dom., 90%, cbys., c.l.lb. .11 - .11½
l.c.l. ..lb. .12 - .13
imported, cbys..lb. .11 - .13
Fumaric, bbls..lb. .60 - —
Gallic, tech., bbls..lb. .95 - .98
N.F., VI, bbls..lb. .77 - .80
Gamma, bbls..lb. .90 - .94
Gluconic, tech., 50%, bbls., 500 lbs..lb. .20 - —
H, bbls..lb. .50 - .55
Hempseed oil, dms..lb. .1180-.1225
Hydriodic, 47%, bots..lb. 2.20 - 2.25
57%, bots..lb. 2.65 - 2.70
Hydrobromic, 10%, USP, cbys.lb. .18 - .20
Hydrochloric (see Muriatic).
Hydrocyanic, cyls., works...lb. .80 - 1.20
Hydrofluoric, 30%, bbls..lb. .07 - .07½
lead, cbys..lb. .09 - .09½
48%, lead cbys..lb. .11¼- .12
52%, lead cbys..lb. .12½- .13
60%, lead cbys..lb. .15 - .15½
Hydrofluosilicic, 30-35%, bbls.lb. .10½- .12
Hypophosphorus, USP, 30%, djns..lb. .75 - —
Koch, bbls..lb. .35 - .37
Lactic, 22%, dark, bbls..lb. .04½- .05
light, refined, bbls..lb. .06½- .07
44%, dark, bbls..lb. .09¼- .10
light, refined, bbls..lb. .11¾- .12
USP, X, 85%, cbys..lb. .45 - .50
USP, VIII, 75%, cbys..lb. .43 - .48
Linseed oil, dark or light, dms..lb. .1290- .1330
tanks ..lb. .1230- —
extra white, dms..lb. .11 - .11¼
split, dms..lb. .09¼- .10½
Laurent's, bbls..lb. .46 - .47
Maleic, powd., dms..lb. .39 - .40
anhydride, dms..lb. .32 - .43
Malic, powd., kegs..lb. .45 - .60
Mixed, tanks, nitric unit..lb. .06½- .07½
sulphuric unit..lb. .0085- .009
Monochloracetic, tech., bbls..lb. .16 - .18
96%, bbls..lb. .18 - .20
Monosulphonic, bbls..lb. 1.50 - 1.60
Muriatic, 18°, cbys, c.l., works, 100 lbs. 1.35 - —
l.c.l., 25 and over, works, 100 lbs. 1.90 - —
10 to 24, works..100 lbs. 1.75 - —
5 to 9, works..100 lbs. 1.95 - —
1 to 4, works..100 lbs. 2.90 - —
truckloads, delvd...100 lbs. 1.60 - —
tanks, works..100 lbs. 1.60 - —
20°, cbys, c.l., works..100 lbs. 1.45 - —
l.c.l., 25 and over, works, 100 lbs. 1.70 - —
10 to 24, works..100 lbs. 1.85 - —
5 to 9, works..100 lbs. 2.05 - —
1 to 4, works..100 lbs. 3.00 - —
truckloads, delvd...100 lbs. 1.70 - —
tanks, works..100 lbs. 1.10 - —
22°, cbys, c.l., works.100 lbs. 1.95 - —
l.c.l., 25 and over, works, 100 lbs. 2.20 - —
10 to 24, works..100 lbs. 2.35 - —
5 to 9, works..100 lbs. 2.55 - —
1 to 4, works..100 lbs. 3.50 - —
truckloads, delvd..100 lbs. 2.20 - —
tanks, works..100 lbs. 1.60 - —
CP, cbys..lb. .06½- .07½
6-lb. bots..lb. .06½- .13½
Naphthenic, S.V. 120-200, dms, lb. .07 - .09
210-230, dms..lb. .10 - .12
240-280, dms..lb. .11 - .14
sludges, dms..lb. .06 - .10
Neville & Winther's, bbls..lb. .85 - .91
Nitric, 36°, cbys, c.l., works, 100 lbs. 5.00 - —
l.c.l., 25 and over, works, 100 lbs. 5.25 - —
10 to 24, works..100 lbs. 5.40 - —
5 to 9, works..100 lbs. 6.00 - —
1 to 4, works..100 lbs. 6.50 - —
truckloads, delvd...100 lbs. 5.25 - —
38°, cbys, c.l., works..100 lbs. 5.50 - —
l.c.l., 25 and over, works, 100 lbs. 5.75 - —
10 to 24, works..100 lbs. 5.90 - —
5 to 9, works..100 lbs. 6.10 - —
1 to 4, works..100 lbs. 7.00 - —
truckloads, delvd...100 lbs. 5.75 - —
40°, cbys, c.l., works..100 lbs. 6.00 - —
l.c.l., 25 and over, works, 100 lbs. 6.25 - —
10 to 24, works..100 lbs. 6.40 - —
5 to 9, works..100 lbs. 6.60 - —
1 to 4, works..100 lbs. 7.50 - —
truckloads, delvd...100 lbs. 6.25 - —
42°, cbys, c.l., works..100 lbs. 6.50 - —
l.c.l., 25 and over, works, 100 lbs. 6.75 - —
10 to 24, works..100 lbs. 6.90 - —
5 to 9, works..100 lbs. 7.10 - —
1 to 4, works..100 lbs. 8.00 - —
truckloads, delvd...100 lbs. 6.75 - —
CP, cbys..lb. .11¾- .12½
7-lb. bots..lb. .12½- .25½
Prices of yellow nitric acid 25c. per 100 lbs. below those above.
Oleum (see sulphuric fuming).
Oxalic, dom., bbls..lb. .11¼- .12½
Palm oil, dms..lb. .06 - .06½
Para-aminobenzoic, bbls., frt. all'd..lb. 1.25 - 1.30
Pelt, bbls..lb. .62 - —
Phenylacetic, bots..lb. 2.00 - 2.25
Phosphoric, tech., 50%, cbys.lb. .06 - —
75%, cbys..lb. .09 - —
USP, 85%, s.g. 1.710, djns.lb. .13 - .14
50%, s.g. 1.347, cbys, djns., lb. .14 - —
10% diflut., cbys, djns..lb. .07 - .07¼
Picramic, kgs..lb. .65 - .70
Picric, bbls., c.l..lb. .30 - —
l.c.l. ..lb. .35 - .40
Propionic, ref., cbys., work..lb. .25 - —
dms., works ..lb. .22 - —
tech., cbys., works..lb. .20 - —
dms., works ..lb. .16 - —
Pyrogallic, cryst., cns..lb. 1.55 - 1.65
resubl, cns..lb. 1.90 - 2.00
Ricinoleic, dms..lb. .20 - .22
Salicylic, tech., bbls..lb. .40 - —
USP, bbls..lb. .40 - .45
Sardine oil, dms..lb. .09¼- .09½
Sebacic, C.P., bbls., works..lb. .55 - —
tech., bbls., works..lb. .37 - .41
Soybean oil, dms..lb. .09¾- .10¼
Acid, stearic, distil., double pressed, bgs., dlvd..lb. .10½- .11
single pressed, bgs., delvd.lb. .10 - .11
triple pressed, bgs., delvd.lb. .13¼- .14¼
saponif., double pressed, bgs., dlvd..lb. .10¾- .11¾
triple pressed, bgs., dlvd..lb. .13½- .14½
Succinic, bbls..lb. .75 - —
Sulphanilic, CP, bots, works.lb. 1.60 - 1.65
tech., dms., works..lb. .18 - .19
Sulphonaphthenic, dms..lb. .04 - .10
Sulphuric, 60°, cbys., c.l., works, 100 lbs. 1.10 - —
l.c.l., 25 and over, works, 100 lbs. 1.35 - —
10 to 24, works..100 lbs. 1.50 - —
5 to 9, works..100 lbs. 1.70 - —
1 to 4, works..100 lbs. 2.65 - —
tanks, works..ton.11.00 - —
66°, cbys., c.l., E works, 100 lbs. 1.35 - —
mid-W works..100 lbs. 1.50 - —
l.c.l., 25 and over, works, 100 lbs. 1.60 - —
10 to 24 works..100 lbs. 1.75 - —
5 to 9, works..100 lbs. 1.95 - —
1 to 4, works..100 lbs. 2.20 - —
truckloads, delvd...100 lbs. 1.60 - —
tanks, works..ton.15.50 - —
95%, tanks, works..ton.16.50 - —
CP, cbys..lb. .06½- .07½
9-lb. bots..lb. .08½- .17½
fuming, 20%, tanks, works.ton.18.50 - —
Sunflower seed oil, dms.....lb. .16 - .16¾
Tannic, tech., bbls..lb. .19 - .25
USP, fluffy, bbls..lb. .85 - .95
Tartaric, USP, dom., cryst., gran., powd., bbls.....lb. .24 - —
kgs. ..lb. .24½- —
Tobias, bbls..lb. .70 - .72½
Trichloracetic, bots..lb. 2.45 - 2.50
Tungstic, CP, kgs..lb. 2.45 - 2.70
tech., kgs..lb. 1.50 - 1.60
Aconite leaves, bls..lb. .22 - .24
Root, bls..lb. .27 - .28
Aconitine, amerph., vis.....oz.17.00 - —
cryst., vis..oz.30.00 - —
Adeps, lanae, anhyd., dms.....lb. .17½- .19
hyd., dms. ..lb. .16 - .18
Agar Agar, 1, bls..lb. .72 - .73
2, bls..lb. .65 - .66
3, bls..lb. .55 - .56
Agaric, white, bls..lb. 3.00 - 3.25
Albumen, blood, dark, flake, bgs., c.l., Chicago..lb. .12 - —
ton lots, Chicago..lb. .13 - —
less than ton, Chicago.lb. .15 - .17
powd., bgs., c.l., Chicago.lb. .12 - —
ton lots, Chicago..lb. .16 - —
less than ton, Chicago.lb. .17 - .20
light, dom., flake, grade 1, dms., Chicago..lb. .60 - .60
2, dms., Chicago..lb. .45 - .50
import, bgs. ..lb. .50 - —
Egg, ed., dom., bbls..lb. 1.05 - —
import, cs..lb. .75 - .80
Milk, grd., sks., c.l..ton. No stocks
ungrd., sks., c.l..ton. No stocks
Vegetable ed., bbls., works..lb. .65 Nom.
Alcohol, amyl (see also Fusel oil, refd.), ex pentane, dms., c.l., dlvd..lb. .15 - —
l.c.l., dlvd. ..lb. .157 - —
tanks, dlvd. ..lb. .143 - —
secondary, dms., c.l., f.o.b. dest..lb. .09½- —
l.c.l. frt. alld..lb. .10 - —
tanks, frt. alld..lb. .08½- —
Benzyl, bots. ..lb. .65 - 1.20
Butyl, normal, dms., c.l., frt. alld..lb. .09½- —
l.c.l., frt., alld..lb. .10 - —
tanks, frt. alld..lb. .08½- —
secondary, dms., c.l., f.o.b. dest..lb. .08½- —
l.c.l., f.o.b. dest..lb. .09 - —
tanks, f.o.b. dest..lb. .07½- —
tertiary, denating, dms., frt. alld..lb. .14 - —
Capryl, pure, dms., works...lb. 2.50 - —
tech., dms., works..lb. .85 - —
Cetyl., dom., C.P., fiber, ctns, 1,000 lbs..lb. 1.50 - —
500 lbs. ..lb. 1.70 - —
100 lbs. ..lb. 1.80 - —
25 lbs. ..lb. 1.90 - —
5 lbs. ..lb. 2.00 - —
com'l, dms. ..lb. .95 - —
import., 85%, dms., 100 lbs.lb. .55 - —
5 to 10 lbs. ..lb. .75 - —
com'l, dms., 350 lbs.....lb. .40 - —
Cinnamic, bots..lb. 2.50 - 3.50
Denatured, CD11, 12, 13, dms., c.l. dlvd. E..gal. .30 - —
dms., l.c.l., E.....gal. .36 - —
Prices for territories other than E. of Rockies, 5c. per gal. higher. Tankcar sales require written authorization by Alcohol Tax Unit.
SD1, 190 pf., bbls., c.l., E. works..gal. .33 - —
19 bbls., E. works..gal. .35 - —
1 to 18 bbls., E. works, gal. .35 - —
dms., c.l., E. works....gal. .32 - —
19 dms., E. works...gal. .34 - —
1 to 18 dms., E. works, gal. .37 - —
tanks, E. works.....gal. .26 - —
Anhydrous, 5c. per gal. higher.
Special solvent, dms., c.l., E. works..gal. .30 - —
20 dms., E. works..gal. .32 - —
1 to 19 dms., E. works, gal. .35 - —
tanks, E. works.....gal. .24 - —
Tankcar sales require written authorization by Alcohol Tax Unit.
Diacetone, pure, contract, dms., c.l., frt. alld..lb. .18 - —
l.c.l., frt. alld..lb. .18½- —
tech., contract, dms, c.l., frt. alld. ..lb. .17 - —
l.c.l., frt. alld..lb. .17¼- —
Ethyl, 190 pf., ex molasses, bbls., c.l. ..gal. 4.14 - —
19 bbls..gal. 4.16 - —
1 to 18 bbls..gal. 4.19 - —
dms., c.l. ..gal. 4.13 - —
19 dms..gal. 4.15 - —
1 to 18 dms..gal. 4.18 - —
tanks ..gal. 4.07 - —
absolute, dms..gal. 4.54 - 6.06½
Grain alcohol 40c. per gal. higher.

Acacia—Aluminum

Alcohol, hexyl, secondary, dms., c.l., f.o.b. dest..lb. 1.25 - —
l.c.l., f.o.b. dest..lb. .10 - —
tanks, f.o.b. dest..lb. .113 - —
Isoamyl, primary, dms., l.c.l., dlvd. ..lb. .27 - —
cans, works ..lb. .23 - —
Isobutyl, refd., dms., c.l. works, frt. alld. E. of Rockies..lb. .09½- —
l.c.l., same terms..lb. .10 - —
tanks, same terms..lb. .07½- —
Isopropyl, refd., 91%, dms., c.l., f.o.b. dest. or Miss. crossing ..gal. .55 - —
l.c.l., same terms....gal. .60 - .65
98%, dms., c.l., same terms, gal. .75 - —
l.c.l., same terms.....gal. .75 - —
denat. grd., dms., c.l., frt. alld..gal. .30 - —
l.c.l., ft. alld.....gal. .32 - —
Methyl (see Methanol)
Phenylethyl, bots. ..lb. 2.65 - 2.75
Propyl (see Isopropyl)
Aldehol, denat. grade, dms., tanks, works..gal. .70 - .80
Aldol, 95%, dms., c.l., works...lb. .31 - —
l.c.l., works..lb. .35 - —
Aletris root, bgs..lb. .30 - .35
Alizarin (see Red, alizarin)
Alkanet root, bgs..lb. .10 - .11
Aloe, Barbados, true, cs.....lb. .25 - .30
Cape cs..lb. .22 - .24
Curacao, cs..lb. .21 - .23
gourds, bbls..lb. .20 - .25
Socotrine, kgs..lb. .25 - .26
Aloin, bbls., cns..lb. 1.50 - 1.55
Alphanaphthol, bbls..lb. .20 - .22
Alphanaphthylamine, bbls.....lb. .23 - .27
Althea root, cube cut, bls.....lb. .26 - .27
Alum, ammonia, burnt, USP, bbls. lb. .16 - .17
gran., bbls., works....100 lbs. 2.75 - 3.00
dlvd. N.Y., Phila...100 lbs. 2.90 - —
lump, bbls., works.....100 lbs. 3.00 - 3.25
dlvd. N.Y., Phila...100 lbs. 3.15 - —
powd., bbls., works....100 lbs. 3.15 - 3.40
dlvd. N.Y., Phila...100 lbs. 3.30 - —
Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rate, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex-warehouse deliveries all metrop. zones (except N.Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N.Y. prices apply to truck or ex warehouse.
Potash, gran., bbls., works.... 100 lbs. 3.00 - 3.25
dlvd. N.Y., Phila...100 lbs. 3.15 - —
lump, bbls., works.....100 lbs. 3.25 - 3.50
dlvd. N.Y., Phila...100 lbs. 3.40 - —
powd., bbls., works....100 lbs. 3.40 - 3.65
dlvd. N.Y., Phila...100 lbs. 3.55 - —
Potash alum prices on same basis as those for ammonia alum.
Potash-chrome, bbls..lb. .07 - .09¼
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd.....100 lbs. 4.25 - 5.00
Alumina acetate, CP, 20% solut., bbls..lb. .09 - .10
Chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works..lb. .05 - —
12,000 to 40,000 lbs., works..lb. .06 - —
1,100 to 11,000 lbs., works..lb. .07 - —
140 to 875 lbs., works.lb. .08 - —
100 lbs. or less, works.lb. .09 - —
cryst., com'l, dms., c.l., works lb. .06¼- .07
solut., dms., works.....lb. .03 - .05½
Hydrate, heavy, bbls., 20 and over, works..lb. .04 - —
less than 20, works.....lb. .04½- —
light, bbls., dlvd.....lb. .13 - —
Oleate, dms., contr.....lb. .16¾- —
open order.....lb. .17½- .18½
Palmitate, precip., bbls., ton.lb. .31 - —
smaller lots.....lb. .32 - —
Resinate, precip., dms., dlvd.lb. .15 - —
Stearate, precip., bbls., ctns., c.l..lb. .19 - —
l.c.l., ton.....lb. .20 - —
less than ton.....lb. .21 - —
Sulphate, com'l, bgs., c.l., works, frt. equald.100 lbs. 1.35 - —
l.c.l., works, frt. equald.. 100 lbs. 1.60 - —
bbls., c.l., works, frt. equald. 100 lbs. 1.55 - —
l.c.l., works, frt. equald. 100 lbs. 1.80 - —
Iron-free, bgs., c.l., works, 100 lbs. 2.00 - —
l.c.l., works.....100 lbs. 2.25 - 2.60
truckload, dlvd, met. N.Y. 100 lbs. 2.40 - —
10 to 24, dlvd. met. N.Y. 100 lbs. 2.55 - —
5 to 9, dlvd. met. N.Y.. 100 lbs. 2.80 - —
1 to 4, dlvd. met. N.Y. 100 lbs. 3.30 - —
bbls., c.l., works.....100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.45 - 2.80
truckloads, dlvd., met.N.Y. 100 lbs. 2.60 - —
10 to 24, dlvd. met. N.Y. 100 lbs. 2.75 - —
bbls., truckloads, 5 to 9, dlvd. met. N.Y..100 lbs. 3.00 - —
1 to 4, dlvd, met. N.Y. 100 lbs. 3.50 - —
Aluminum, 98-99%, dms., c.l...lb. .19 - .19½
l.c.l. ..lb. .20 - .21

Alum. powd—Apomorphine

Aluminum, powder, dry, lining, ext. fine, dms., 30,000 lbs.; f.o.b. ship. pt. (see note below)
lb. .90 - —
5,000-30,000 lbs., same basis—lb. .92 - —
1,000-5,000 lbs., same basis—lb. .95 - —
less than 1,000 lbs., same basis..lb. 1.00 - —
standard, dms., 30,000 lbs., same basis..lb. .55 - —
5,000-30,000 lbs., same basis—lb. .57 - —
1,000-5,000 lbs., same basis—lb. .60 - —
less than 1,000 lbs., same basis..lb. .65 - —
litho. ext. brilnt., dms, 30,000 lbs., same basis .....lb. .41 - —
5,000-30,000 lbs., same basis—lb. .42 - —
1,000-5,000 lbs., same basis..lb. .46 - —
less than 1,000 lbs., same basis..lb. .51 - —
ext. fine, dms., 30,000 lbs., same basis..lb. .45 - —
5,000-30,000 lbs., same basis..lb. .47 - —
1,000-5,000 lbs., same basis..lb. .50 - —
less than 1,000 lbs., same basis..lb. .55 - —
standard, dms., 30,000 lbs., same basis..lb. .40 - —
5,000-30,000 lbs., same basis..lb. .42 - —
1,000-5,000 lbs., same basis..lb. .46 - —
less than 1,000 lbs., same basis..lb. .50 - —

Aluminum, powder, dry, litho., wallpaper, dms., 30,000 lbs., same basis..lb. .40 - —
5,000-30,000 lbs., same basis..lb. .42 - —
1,000-5,000 lbs., same basis..lb. .45 - —
less than 1,000 lbs., same basis..lb. .50 - —
rubber comp., dms., 30,000 lbs., same basis..lb. .39 - —
5,000-30,000 lbs., same basis..lb. .41 - —
1,000-5,000 lbs., same basis..lb. .44 - —
less than 1,000 lbs., same basis..lb. .49 - —
unpolished, standard, dms., 30,000 lbs., same basis .....lb. .35 - —
5,000-30,000 lbs., same basis..lb. .37 - —
1,000-5,000 lbs., same basis..lb. .40 - —
less than 1,000 lbs., same basis..lb. .45 - —
varnish, ext. brilliant, dms., 30,000 lbs., same basis .....lb. .41 - —
5,000-30,000 lbs., same basis..lb. .43 - —
1,000-5,000 lbs., same basis..lb. .46 - —
less than 1,000 lbs., same basis..lb. .51 - —
ext. fine, dms., 30,000 lbs., same basis..lb. .45 - —
5,000-30,000 lbs., same basis..lb. .47 - —
1,000-5,000 lbs., same basis..lb. .50 - —
less than 1,000 lbs., same basis..lb. .55 - —
standard, dms., 30,000 lbs., same basis..lb. .40 - —
5,000-30,000 lbs., same basis..lb. .42 - —

Aluminum, powder, dry, varnish, standard, dms., 1,000-5,000 lbs., same basis..lb. .45 - —
less than 1,000 lbs., same basis..lb. .50 - —
paste, fine, lining, dms., 30,000 lbs., same basis lb. .65 - —
5,000-30,000 lbs., same basis..lb. .67 - —
1,000-5,000 lbs., same basis..lb. .70 - —
less than 1,000 lbs., same basis..lb. .75 - —
extra dms., 30,000 lbs., same basis..lb. .70 - —
5,000-30,000 lbs., same basis..lb. .72 - —
1,000-5,000 lbs., same basis..lb. .75 - —
less than 1,000 lbs., same basis..lb. .80 - —
ink, dms., 30,000 lbs., same basis..lb. .80 - —
5,000-30,000 lbs, same basis..lb. .82 - —
1,000-5,000 lbs, same basis..lb. .85 - —
less than 1,000 lbs., same basis..lb. .90 - —
ink, dms., 30,000 lbs., same basis..lb. .75 - —
5,000-50,000 lbs., same basis..lb. .77 - —
1,000-5,000 lbs., same basis..lb. .80 - —
less than 1,000 lbs., same basis..lb. .85 - —
standard, dms., 30,000 lbs., same basis..lb. .43 - —
5,000-30,000 lbs., same basis..lbs. .45 - —
1,000-5,000 lbs., same basis..lb. .48 - —
less than 1,000 lbs., same basis..lb. .53 - —

Aluminum powder and paste, in single shipments are deductible as follows: 2,000 lbs., 1c. per lb. from 5,000-30,000 lb. prices; 5,000 lbs., ½c. from 30,000 lb. prices; 10,000 lbs., 1c. per lb. from 30,000 lb. prices; 25,000 lbs., 2c. per lb. from 30,000 lb. prices. Deduction equivalent to full freight rate allowed in quantities of 200 lbs. or over, where shipping point and destination are both E. of Miss. river; where destination is W. of Miss., but shipping point is E., deduction will be equivalent to the full freight rate only to the Miss. river; shipments ex whse. W. of Miss. net subject to freight allowance. Deliveries ex whse. extra as follows:—Chicago, Cleveland, Detroit, St. Louis, ½c.; Houston, Kansas City, ¼c.; Los Angeles, Portland, San Francisco and Seattle, 1c.; Dallas, Tulsa, ¾c.; Denver, 2c.

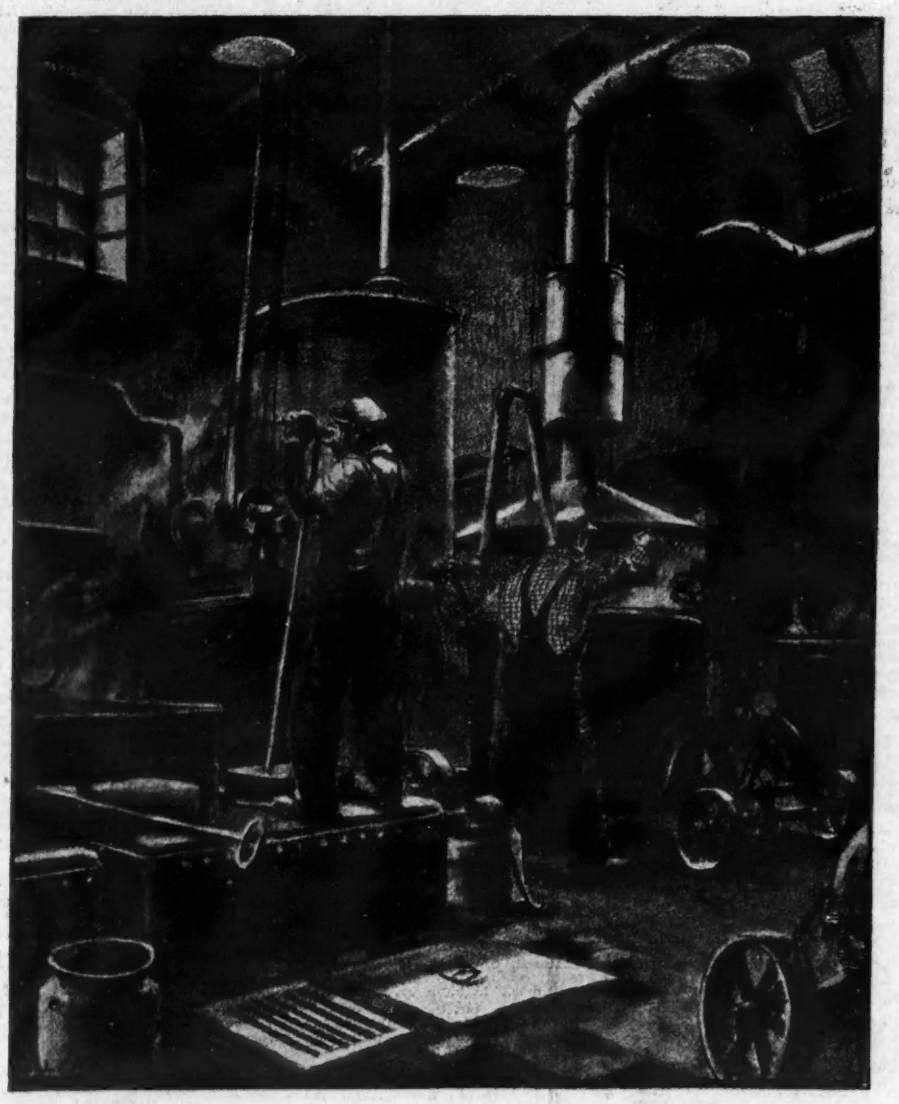
Ambergris, gray, tins.....oz. 22.00 - 35.00
Amidopyrene, cs.....lb. 4.00 - 4.10
Ammonia, anhyd., fertilizer, tanks (50,000 lbs.), works.....lb. .04½- —
refrigeration, tanks, works..lb. .05½- —
pure, cyls., dlvd., met. N.Y. lb. .16 - .22

Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.

Acetate, kgs.....lb. .26 - .28
Aldehyde, dms.....lbs. .65 - .70
Aqua, 26°, cbys.....lb. .05½- —
dms., c.l.....lb. .02½- —
l.c.l.....lb. .02½- —
tanks (on NH_3 content)..lb. .05 - .05½
tankwagons.....lb. .024 - —
Bicarbonate, bbls., c.l., works, 100 lbs. 5.15 - —
l.c.l., dlvd. N. Y....100 lbs. 5.71 - —
Bifluoride, bbls.....lb. .16 - .18
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .35 - .90
Carbonate, tech., dom., bbls.lb. .06 - .12½
imported, cks.....lb. .06 - .12½
USP, lump, bbls.....lb. .06 - .09
cks.....lb. .07 - —
powd., bbls.....lb. .09 - .10
Chloride, tech. (see Ammoniac, sal)
USP, gran., bbls.....lb. .12½- .18
Citrate, kgs.....lb. .80 - .86
Fluoride, bbls.....lb. .17 - .19
Hydroxide (see Ammonia, aqua).
Hypophosphite, bbls.....lb. 1.10 - 1.15
Iodide, jars.....lb. 3.40 - 3.45
Laurate, bbls.....lb. .10 - —
Linoleate, 80%, anhyd., bbls.lb. .11 - —
Naphthenate, bbls.....lb. .11 - —
Nitrate, tech., cks.....lb. .04 Nom.
Oleate, bbls.....lb. .10 - —
Oxalate, neutral, cryst., powd., bbls..lb. .26 - .27
pure, cryst., bbls., kgs....lb. .27 - .28
Perchlorate, kgs.....lb. .10 - —
Persulphate, kgs.....lb. .21 - .22½
Phosphate, dibasic, NF, bbls.lb. .34 - .36
tech., bbls., c.l.....lb. .07½- —
l.c.l.....lb. .09 - .10
monobasic, pure, bbls.....lb. .40 - .45
tech., bbls., c.l.....lb. .07½- —
l.c.l.....lb. .09 - .10
Ricinoleate, bbls.....lb. .15 - —
Salicylate, USP, kgs.....lb. 1.15 - 1.20
Sulphate, dom., bulk, c.l., Nov. divy., dlvd., Ill., Ind., Mich., Ohio..ton. 23.50 - —
f.o.b. cars, Atlantic, Gulf, ports..ton. 23.50 - —
Birmingham, Ala., ovens..ton. 23.50 - —
Northern ovens...ton. 23.50 - —
barge lots, Sparrows Point, Md., Brooklyn, N. Y.ton. 24.50 - —

Ammonia sulphate, domestic, for Dec.-June delivery is 50c. per ton additional.

dbl. bgs., export, f.a.s. N.Y., ton. No price
Sulphide, liquid, dms.....lb. .15 - —
tanks.....lb. .12 - —
Sulphocyanide, kgs.....lb. .65 - —
Ammoniac, gum (see Gum, ammoniac).
Sal, gray, dom., bbls, c.l., 100 lbs. 5.00 - 5.25
l.c.l.....100 lbs. 5.50 - 5.75
import, gran., cakes.....lb. .06½- .06
lump, bbls.....lb. .10½- .12
white, gran., dom., bbls., contracts, works..100 lbs. 4.45 - 5.05
imports., cakes...100 lbs. 4.45 - 5.05
Amyl acetate, ex fusel oil, dms., c.l., works..lb. .12 - .13
l.c.l., frt. alld.....lb. .12½- .13½
tanks, works.....lb. .11 - .13
ex pentane, dms., c.l., dlvd, lb. .142 - —
l.c.l., dlvd.....lb. .149 - —
tanks, dlvd.....lb. .135 - —
secondary, dms., c.l. f.o.b. dest..lb. .09½- —
l.c.l., f.o.b. dest.....lb. .10 - —
tanks, f.o.b. dest.....lb. .08½- —
Alcohol (see Alcohol, amyl).
Butyrate, bots.....lb. .90 - 1.00
Caproate, cns.....lb. 2.75 - —
Chloride, normal, dms., works, lb. .56 - —
small lots, works.....lb. .68 - —
Chlorides, mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .077 - —
tanks, works.....lb. .06 - —
Mercaptan, dms., l.c.l., works.lb. 1.10 - —
Nitrite, bots.....lb. 1.80 - 1.85
Oleate, dms., l.c.l., works...lb. .25 - —
Salicylate, cans.....lb. .65 - 1.25
Stearate, dms., l.c.l. works..lb. .26 - —
Amylene, dms, c.l.....lb. .102 - —
l.c.l.....lb. .11 - —
tanks.....lb. .09 - —
Anethol, bots.....lb. 1.05 - 1.10
Angelica root, dom., bls.....lb. .23 - .25
import, natural, bls.....lb. .45 - .50
twisted, bls.....lb. .55 - .57
Angostura bark, bls.....lb. .35 - .50
Anilin oil, dms.....lb. .16½- .17½
tanks.....lb. .15 - —
Anise, Russian, bgs.....lb. .09½- .11
Spanish, bgs.....lb. .15 - .16½
Star, bgs.....lb. .13 - .14
Anisic aldehyde, bots.....lb.. 2.15 - 3.00
Annatto paste, bxs.....lb. .34 - .37
Seed, bxs.....lb. .07 - .08
Anthraquinone, 99.5%, subl., bbls, lb. .50 - .52
Antimony, butter (see Antimony chloride).
Chloride, solut., cbys.....lb. .17 - —
Metal, dom.....lb. .11½- —
import, c.i.f., duty paid...lb. .12½- —
Needle, powd., bbls.....lb. .11½- .13
Oxide, dom., bbls., c.l.....lb. .12½- .13
l.c.l.....lb. .13½- —
import, bbls.....lb. .13½- —
Salts, 65%, kgs.....lb. .22 - .25
Sulphuret, golden, bbls.....lb. .23 - .28
White pigment, bgs., Texas works, frt. alld. to ¼c. lb. c.l..lb. .16½- .18½
Antipyrene, cns., ton lots.....lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.15
Apomorphine, cns.....oz. 25.70 - 35.00



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Cyanamid is prepared to give you full co-operation. Our product list is complete. Your orders can be delivered from any one of our strategically located plants and warehouses. The cooperation of our technical experts and the benefits of our extensive research activity are at your disposal. As in the varnish industry, illustrated in the above scene, you will find Cyanamid a powerful ally in helping you adapt your production to the new methods that chemicals are creating.

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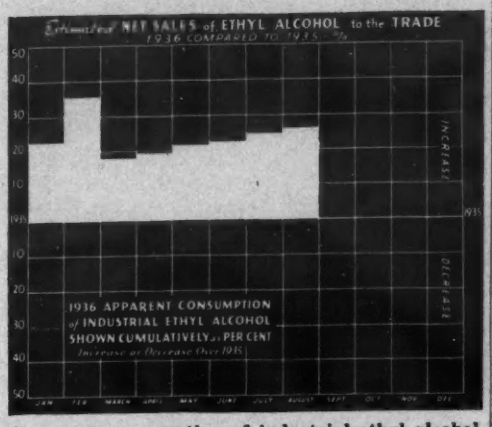
SOLVENT NEWS

Reg. U. S. Pat. Off.

November ★ A Monthly Series of Articles for Chemists and Executives of the Solvent-Consuming Industries ★ 1936



Apparent consumption of industrial ethyl alcohol from Jan. 1 to Aug. 31, 1936 was 38,034,123 wine gallons. This is 26.1 per cent greater than during the same period in 1935 when 30,154,120 wine gallons were consumed.

LACQUER SALES MAKE SHARP GAIN

Sales of lacquers, thinners, and lacquer bases and dopes increased to the highest figure recorded over a three-year span according to the Department of Commerce. The amount for the second quarter of the current year was $15,138,829, a gain of 23.9 per cent over the second quarter of 1935. During the same period gallon sales were 12,071,087, an increase of 33.7 per cent over 1935.

TESTS ON PHTHALATED PIGMENTS REVEAL NEW PROPERTIES

Pigments prepared by reacting aromatic polybasic acids with metallic salts or oxides have shown unusual promise in recent studies conducted by the Institute of Paint and Varnish Research at Washington, D. C. The phthalates of titanium, lead and leaded zinc oxide are among those which received attention.

Titanium phthalate formulated in a lacquer was found to be almost impervious to ultraviolet rays. Since these rays play an important part in the shortening of film life, this property is one of immediate significance. It was pointed out that semi-translucent cellulosic coatings pigmented with small amounts of the phthalated pigments would afford greater protection for perishable foodstuffs such as butter. Rubber, which also suffers from the action of ultraviolet rays, is another possible application.

Behavior in Paints

Paints formulated with phthalated products were thioxotropic in nature. The chalking tendencies of titanium dioxide in such paints were decreased by additions of titanium phthalate while the addition of 5-10 per cent of lead phthalate added considerably to the light fastness of the common colors.

F. CARROLL GOLDSBOROUGH U. S. I. SALES MANAGER DIES

F. C. Goldsborough, Eastern Sales Manager for U. S. Industrial Alcohol Co., New York, since July, 1933, died on September 22nd, at the Muhlenberg Hospital in Plainfield, New Jersey, after a prolonged illness, induced by pneumonia. Mr. Goldsborough, who was in his fifty-first year, was buried at Easton, Md., on September 25th.

PURER PLASTICIZERS OPEN NEW MARKETS FOR CELLULOSIC PLASTICS AND COATINGS

Odorless and Colorless Dialkyl Phthalates Are Important Aids in New Formulations

New textiles, wrappings for foodstuffs, safety glass and plastics with unique properties are only a few of the products whose development has stemmed from recent improvements in raw materials. Outstanding among these developments are the new standards of purity attained by the dialkyl phthalate plasticizers.

To the ultimate consumer of a finished product, there is nothing dramatic in a plasticizer of greater purity. For him, a material such as a plasticizer may not even exist. His interest lies in the finished article. Are pyroxylin-coated papers or fabrics smooth and flexible—smudgeproof and free from unpleasant odors? Will safety glass be clear and retain its clarity in hot sun or cold winter? Do plastic caps for foodstuff containers transmit foreign tastes to foods? These are some of the questions the chemist must answer before gaining the door to new vistas of consumer appeal.

Requirements Severe

These, too, are questions which cannot be answered without the aid of higher purity plasticizers. Modern chemical manufacture, however, has stepped forward to meet the more severe requirements for several of the important plasticizers. Although dialkyl phthalates have always been one of the most important groups of plasticizers, new importance attaches to their use as valuable tools in meeting the challenge of expanding markets.

While there are many plasticizers, both liquid and solid, which will impart toughness to cellulosic films, a number

(Continued on next page)

U. S. I. BUILDING NEW EXPERIMENTAL LABORATORY

Increased facilities for the study of plant processes and the development of production control will be provided in a new laboratory being constructed by the U. S. Industrial Chemical Co., Inc., at Baltimore, Maryland.

The laboratory will be housed in a single-story brick structure, fireproof throughout, with steel framework, concrete foundations, pre-cast cement roof and steel sash and doors.

One section of the building will provide space for pilot plant operation, while another will be fitted with modern laboratory facilities including completely equipped, tile-top tables.

An additional section on the south side of the main building will contain showers and lockers, as well as offices for members of the technical staff.

A CHART listing the principal plastics, their applications, and manufacturers may be obtained by writing to U.S.I.

PURER PLASTICIZERS are helping many products win the women's market. The cold cream jar liner made from du Pont's "Plastacele" keeps milady's cream clean and odorless. Handbag frames and costume jewelry also of cellulose acetate plastic, demand odor-free, colorless materials. Nitrocellulose and cellulose acetate dopes on her airplane call for good weathering properties and smooth finish. Her car has interior appointments of "Tenite" (Tennessee Eastman cellulose acetate plastic). Purer plasticizers also help produce the finish on the car as well as the safety glass.

ADVERTISEMENT—*This entire page is a paid advertisement.*

NOVEMBER ★ **SOLVENT NEWS** ★ 1936

PURER PLASTICIZERS EXTEND USES FOR CELLULOSIC PLASTICS AND COATINGS

(Continued from preceding page)

fall short of other requirements. The ideal cellulosic plasticizer should have the following characteristics:

1. Good dispersing power for nitrocellulose or cellulose acetate
2. Permanence—should not evaporate during the life of the film, nor change chemically by oxidation or otherwise.
3. Compatibility with other constituents
4. Freedom from color and odor
5. Stability to light and heat
6. Freedom from taste and toxicity
7. Low cost

Because of their generally excellent conformity with the above characteristics, Diamyl and Dibutyl Phthalates are two of the best-known plasticizers in nitrocellulose lacquers and plastics. Both Diamyl and Dibutyl Phthalates are readily incorporated in nitrocellulose solutions and plastics with high factors of ultimate retentivity due to low vapor pressures. Many of the new products must be formulated with large amounts of plasticizer yet be free from tackiness. Diamyl Phthalate has opened an important avenue of attack on this problem. The severe color and odor requirements of pyroxylin coated textiles and wrappings for foodstuffs have served to illumine the importance of Diamyl and Dibutyl Phthalates in meeting more rigid standards. Both plasticizers are now produced as water-white liquids with extremely low odor tolerances.

The Diethyl and Dimethyl Phthalates, while also adapted to nitrocellulose, are more firmly entrenched in cellulose acetate formulations. Favorable costs, high stability and compatibility with complex cellulose acetate raw materials have directed large tonnages into this field. Diethyl Phthalate which can hardly be differentiated from distilled water as far as color and odor are concerned is manufactured by U.S.I. Dimethyl Phthalate of comparable purity is available. Without a doubt new applications for cellulose acetate plastics, greater consumption of safety glass and cellulose acetate film will focus attention on freer manipulation of these two plasticizers. The development of the newer vinyl chloride-acetate and methacrylate resins is unfolding still other uses for the phthalate plasticizers, as is also ethyl cellulose.

The U.S.I. Chemical Co., Inc., has made available greater tonnages of the higher purity plasticizers. Increasing output and manufacturing efficiency has lowered costs to attractive figures.

ROAD ENGINEERS CHECK NEW TESTS ON CURBAY BINDER

Highway Departments in various sections of the country will follow with interest newly augmented tests on road conditioning with Curbay Binder as conducted by the Highway Department of one of the Eastern States. Preliminary work directed toward evaluating this type of binder under varied locality and traffic conditions has led to the placing of orders for several tank cars of material. Further trials are expected to furnish definitive results on its action in dust laying and surface preservation.

Curbay Binder, a by-product in the manufacture of industrial alcohol, is recovered by U.S.I. with a unit which represents the largest installation of its kind in the world. Originally a waste material, it is now used in linoleum cements and as a core binder and wash in foundry practice while other applications such as a binding medium for briquets are being probed.

DR. H. L. FISHER, NOTED CHEMIST, JOINS U. S. I. RESEARCH STAFF

Dr. Harry L. Fisher, noted for his scientific contributions in the rubber and chemical fields, has joined the research staff of the U. S. Industrial Alcohol Co. Dr. Fisher will make his headquarters in the company's new research laboratories in Stamford, Conn.

Dr. Fisher specialized in research pertaining to rubber, resins, organic combustions and nitrogen heterocycles. He has served with B. F. Goodrich Co., U. S. Rubber Co., and was a member of the Columbia University faculty for seven years. He is also a former secretary of the Organic Division of the American Chemical Society and the author of "Laboratory Manual of Organic Chemistry" published by John Wiley & Sons.

TECHNICAL DEVELOPMENTS

The items in this column are gathered from many varied sources. Further information may be obtained by writing to U. S. I.

U S I

A new thermoplastic resin which is described as water-white has been announced. Good ultraviolet transmission and high tensile and impact strengths are claimed. The material can be molded or cast into forms. Either the molded or cast form can be sawed, cut, blanked, turned, drilled, swaged, polished, and routed according to the manufacturer.

U S I

Suede effects can be obtained on continuous-filament woven or knitted rayon or silk, according to the manufacturer of a new sueding machine. The machine is said to produce nap or pile and can be used in treatment of wool, cotton, or linen goods.

U S I

A turbine-type pre-mixer, differing from conventional propeller types, draws the material from the bottom and ejects it in an upward direction. The maker claims that a pre-mix can be made without incorporating air since the outer turbine does not revolve and will not create a hole in the material through which air can be drawn.

U S I

Refractory paint which may be applied to steel, cast iron and firebrick is now being marketed. The material, which hardens under heat, is claimed to be stable and abrasion-resistant up to temperatures of 3300° Fahrenheit. Brushing, spraying and dipping are the methods of application listed.

U S I

A concentrated form of grease solvent is mixed with low-cost kerosene, etc., to clean greasy and grimy surfaces. This material will attack grease, oil, and grime, and turn them into a form of soap, according to the manufacturer. It is applied with a paint brush or spray gun. The thin black liquid formed is washed away with cold water.

U S I

An elevator on wheels has a frame for handling acid carboys. When the machine, with elevator lowered, straddles the carboy, clamps are tightened to secure the load. The crate is brought up to dumping position and tilted by the operator from behind the machine.

A complete list of C. D. and S. D. alcohol formulas is available in booklet form. Copies can be secured free of charge by writing to U.S.I.

U.S. INDUSTRIAL ALCOHOL CO.
INDUSTRIAL CHEMICAL CO., INC.

WORLD'S LARGEST PRODUCERS OF ALCOHOL DERIVED SOLVENTS

ALCOHOLS
Amyl Alcohols
Refined Amyl Alcohol
Refined Fusel Oil
Secondary Amyl Alcohol
Ethyl Alcohols
Specially Denatured—All Formulas
Completely Denatured—All Formulas
Anhydrous—Denatured
Absolute—Pure
C.P. 96%—Pure and Denatured
Solox—The General Solvent
Super Pyro—The Rustproof Anti-freeze
Pure (190) Proof—Tax Paid, Tax Free

ALCOHOLS
Butyl Alcohols
Normal and Secondary
Methyl Alcohol

ANSOLS
Ansol M
Ansol PR

ETHERS
Ethyl Ether
U.S.P. and Absolute (A.C.S.)

NITROCELLULOSE SOLUTIONS
Collodions
U.S.P., U.S.P. Flexible and Photo
Cotton Solutions

ESTER SOLVENTS
Acetic Ether
Amyl Acetates
High Test
Commercial
Technical
Secondary
Amyl Propionate
Butyl Acetates
Normal and Secondary
Diatol
Diethyl Carbonate
Estersols
Ethyl Acetates
85-88%, 99%, and U.S.P.
Ethyl Lactate

PLASTICIZERS
Diamyl Phthalate
Dibutyl Phthalate
Diethyl Phthalate
Dimethyl Phthalate

OTHER PRODUCTS
Acetoacetanilid
Ethyl Acetoacetate
Ethyl Chlorcarbonate
Ethyl Oxalate
Ethylene
Sodium Oxalacetate
Acetone
Methyl Acetone
Curbay Binder
Potash By-products

Executive Offices: 60 East 42nd Street, New York, N. Y. Branches in all Principal Cities

Archil extract, conc., bbls.....lb. .21 - .27
double, bbls. .....lb. .18 - .20
triple, bbls. .....lb. .18 - .20
Areca nuts, powd., bbls.....lb. .10 - .11
Arecoline hydrobromide, bots., vls...oz. 6.25 - 6.50
Argols, crude, 80%, caks.....lb. .07 - .08
80-85%, casks.....lb. .14 - .15
Arnica flowers, bls.....lb. .30 - .32
Root, bls.....lb. .38 - .40
Arrowroot, St. Vincent, powd., bgs..lb. .06¾- .06¾
bbls. .....lb. .06½- .09
Arsenic iodide (arsenicus), bots., jars...lb. 5.15 - 5.20
Metal, lump, cs.....lb. .42 - .46
Red, import., cs.....lb. .15¾- .16¼
Trioxide (see Acid, arsenous).
White, powd., kgs. c.l.....lb. .03½- —
l.c.l. .....lb. .04½- —
Japanese, cs.....lb. .05¾- .04½
Arsenous chloride, liq., bot...lb. 1.85 - —
Asafetida, cs.....lb. .18 - .19
powd., bbls., bxs.....lb. .32 - .35
Asbestos fiber, 5M. bgs., c.l. (20
Asbestine (see Talc. N. Y. fibrous).
tons), Canad. mines...ton.37.50 - —
5H, bgs., c.l. (20 tons), Canad. mines—ton.35.00 - —
6D, bgs., c.l. (20 tons)..Canad. mines..ton.27.00 - —
7D, bgs., c.l. (20 tons), Canad. mines..ton.23.00 - —
7F, bgs., c.l. (20 tons), Canad. mines..ton.21.00 - —
7H, bgs., c.l. (20 tons), Canad. mines..ton.17.00 - —
7K, bgs., c.l. (20 tons), Canad. mines..ton.14.50 - —
7M, bgs., c.l. (20 tons), Canad. mines..ton.12.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y.....lb. .02¾- —
smaller lots, f.o.b. N.Y..lb. .03½- —
AA, bgs., 20 tons, f.o.b. N. Y...lb. .06½- —
smaller lots, f.o.b. N. Y..lb. .10½- —
California, dms., c.l., f.o.b.N.Y. ton.29.00 - —
l.c.l., f.o.b. N. Y.....ton.36.50 - —
Cuban, A., bxs., c.l., f.o.b. N.Y. ton.60.00 - —
l.c.l., f.o.b.N.Y.....ton.90.00 - —
B, bxs., c.l., f.o.b.N.Y.....ton.35.00 - —
l.c.l., f.o.b.N.Y.....ton.55.00 - —
Egyptian, bgs., c.l., f.o.b.N.Y.lb. .12 - —
l.c.l., f.o.b.N.Y.....lb. .15 - —
Gilsonite, brilliant black, bgs. c.l., Colo. points.....ton.32.90 - —
seconds, bgs., c.l., Colo. points .....ton.25.50 - —
selects, bgs., c.l., Colo., Utah points..ton.30.50 - —
l.c.l., f.o.b., or N.J. or N.Y., whse..ton.49.50 - —
Maltha, dms., c.l., f.o.b.N.Y.ton.29.00 - —
l.c.l., f.o.b.N.Y.....ton.36.50 - —
Manjak (see Asphaltum, Barbados).
Mexican, Texas, dms., c.l., refinery..ton.19.00 - —
l.c.l., refinery .....ton.21.00 - —
tanks, refinery .....ton.16.00 - —
Petroleum cut-back, bbls., l.c.l., refinery..gal. .12 - —
dms., c.l., refinery.....gal. .12 - —
tanks, Calif., refinery...gal. .05102- —
East Coast, Ill., Ind. refinery..gal. .06½- —
N. Orleans refinery....gal. .06 - —
Wyo., refinery .....gal. .07¼- —
Atropine, vls.....oz. 5.25 - 5.50
Sulphate, vls.....oz. 2.25 - 2.35

B

Balm of Gilead buds, bgs.....lb. .21 - .28
Barberry bark, bgs.....lb. .10 - .11
Root bark, bls.....lb. .16 - .17
Barbital, cs.....lb. 3.25 - 3.30
Barium carbonate, natural, 90% grd., bgs., c.l., works, ton.42.00 - —
99% 200 mesh, bgs., c.l., works..ton.45.00 - —
precip., bgs.....ton.56.50 -61.50
Chlorate, kgs.....lb. .15¼- .17½
Chloride, CP., cryst., bbls...lb. .18 - .20
tech., dom., cryst., bbls., bgs., c.l., works..ton.72.00 -74.00
l.c.l., delvd., N. Y..ton.83.00 -87.00
Dioxide, dms.....lb. .11 - .15
Fluoride, bbls.....lb. .15 - .16
Fluosilicate, bbls.....lb. .15 - .16
Hydrate (see Hydroxide).
Hydroxide, bbls. .....lb. .05¼- .07½
Iodide, bots. .....lb. 4.40 - 4.45
Monoxide (see Oxide).
Nitrate, cks. .....lb. .07 - .08¼
Oxide, dms. .....lb. .11 - .15
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls. .....lb. .13 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton.23.65 - —
l.c.l., ex whse., Boston. ton.36.00 - —
Chicago .....ton.30.85 - —
Cleveland .....ton.33.50 - —
New York .....ton.32.00 - —
paper bgs., c.l., St. Louis. ton.22.85 - —
l.c.l., ex car, Baltimore. ton.30.70 - —
Boston .....ton.31.70 - —
Philadelphia .....ton.30.50 - —
ex. whse., Baltimore.ton.32.10 - —
Boston .....ton.35.20 - —
Chicago .....ton.30.85 - —
Cleveland .....ton.33.00 - —
Detroit .....ton.33.00 - —
Kansas City.....ton.30.95 - —
Los Angeles.....ton.42.00 - —
New York.....ton.31.50 - —
Philadelphia .....ton.31.90 - —
San Francisco.....ton.42.00 - —
Toronto .....ton.29.30 - —
Southern off color, bulk, mines..ton.12.00 - —
95.75%, bulk, mines.....ton.16.00 - —
German, grd., bbls., c.l., ex dock, t.a...ton.25.00 -26.00
l.c.l., ex whse.....ton.30.00 - —
ungrd., bulk, c.l., ex dock. ton.13.00 -14.00
Italian, grd., bbls., c.l., ex dock, t.a...ton.29.50 Nom.
l.c.l., ex whse.....ton.32.50 - —
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Bay rum, import., bbls.....gal. .70 - .75
Bayberry bark, bgs.....lb. .07½- .08
Belladonna leaves, bls.....lb. .14 - .15
Root, bls. .....lb. .11 - .12
Bentonite, 1, 90% 300 mesh, bgs., Wyo. works..ton.16.00 - —
2, 92%, 300 mesh, bgs., Wyo., works..ton.11.00 - —
Benzaldehyde, tech., dms.....lb. .60 - .62
USP. IX. dms.....lb. 1.10 - 1.20
USP. X. dms.....lb. 1.30 - 1.35
Benzene (see benzol)
Benzidin base, bbls.....lb. .72 - .74
Benzol, 90%, nitration, pure, dms, works .....gal. .21 - —
tankcars, frt. alld. M. of Omaha..gal. .16 - —
Benzol tankcar prices, West, f.o.b. sellers' works.
Benzoyl chloride, dms.....lb. .40 - .45
Peroxide, cns., works.....lb. 1.85 Nom
Benzyl acetate, f.f.c., bots....lb. .55 - 1.00
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., tins.lb. .90 - 1.20
Chloride, 95-97%, refd., dms.lb. .30 - .40
tech., dms. .....lb. .25 - .28
Formate, cns. .....lb. 2.75 - 3.50
Benzylidin acetone, bots.....lb. 2.25 - 2.50
Berberine bisulphate, bots.....lb.12.00 - —
Hydrochloride, bots. .....lb.12.00 - —
Sulphate, bots.....lb.14.75 - —
Berberis root, bls.....lb. .10 - .11
Betanaphthol, sublim., bbls....lb. .55 - —
tech., bbls. .....lb. .24 - .27
Benzoate, bxs., kgs.....lb. 2.35 - 2.50
Betanaphthylamine, tech., kgs.lb. .53 - .55
Beth root, bls.....lb. .10 - .11
Bismuth, chloride, bxs.....lb. 3.20 - 3.25
Citrate, USP. VIII, bxs.....lb. 2.65 - 2.70
Hydroxide, bxs.....lb. 3.15 - 3.30
Metal, ton lots.....lb. 1.00 - —
Nitrate, cryst., jars.....lb. 1.20 - 1.25
Oxychloride, bxs.....lb. 2.95 - 3.00
Subbenzoate, bxs.....lb. 3.25 - 3.30
Subcarbonate, fib, dms.....lb. 1.40 - 1.45
X-ray, bots., fib. dms.....lb. 2.60 - 2.65
Subgallate, bbls.....lb. 1.50 - 1.55
Subiodide, bots.....lb. 3.88 - 3.95
Subnitrate, powd., bots., fib. dms..lb. 1.30 - 1.35
Subsalicylate, 62-65%, bbls...lb. 2.35 - 2.40
Sulphocarbolate, bots.....lb. 2.80 - 2.85
Trioxide, powd., bxs.....lb. 3.45 - 3.50
Bismuth-ammonia citrate, USP, powd., cns..lb. 2.30 - 2.35
Bismuth-betanaphthol, bxs.....lb. 2.05 - 2.10
Black, bone, 1A, bbls., bgs., c.l., frt. alld. E...lb. .15 - —
l.c.l., frt. alld. E.....lb. .15½- —
1, bbls., bgs., c.l., frt. alld. E..lb. .11½- —
l.c.l., frt. alld. E.....lb. .12 - —
2, bbls., bgs., c.l., frt. alld. E..lb. .09½- —
l.c.l., frt. alld. E.....lb. .10 - —
3, bbls., bgs., c.l., frt. alld. E..lb. .08½- —
l.c.l., frt. alld. E.....lb. .09 - —
4, bbls., bgs., c.l., frt. alld. E..lb. .07½- —
l.c.l., frt. alld. E.....lb. .08 - —
5, bbls., bgs., c.l., frt. alld. E..lb. .06½- —
l.c.l., frt. alld. E.....lb. .07 - —
6, bbls., bgs., c.l., frt. alld. E. lb. .05½- —
l.c.l., frt. alld. E.....lb. .06 - —
7, bbls., bgs., c.l., frt. alld. E..lb. .08 - —
l.c.l., frt. alld. E.....lb. .05½- —
Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.
Carbon, special, 1, bgs., c.l., works..lb. .05 - —
l.c.l., dlvd. .....lb. .07½- —
ctns., l.c.l., dlvd.....lb. .06¾- —
cs., l.c.l., dlvd.....lb. .09 - —
2, bgs., c.l., works.....lb. .08½- —
l.c.l., dlvd. .....lb. .10½- —
cs., l.c.l., dlvd.....lb. .12 - —
3, bgs., c.l., works.....lb. .13 - —
l.c.l., dlvd. .....lb. .14½- —
cs., l.c.l., dlvd.....lb. .16½- —
4, bgs., c.l., works.....lb. .27½- —
l.c.l., dlvd. .....lb. .30 - —
cs., c.l., works.....lb. .29 - —
l.c.l., dlvd.....lb. .32 - —
5, bgs., cs., c.l. works....lb. .40 - —
cs., l.c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .60 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
standard, bgs., c.l., delvd. rail zone A (Gulf ports), for delivery in N.A. (water freights extra). lb. .0445 - —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports)..lb. .0475 - —
50,000 lbs., dlvd., Zone C (Pac. Cst. States)..lb. .0490 - —
30,000 lbs., dlvd., Zone C (Pac. Cst. States)..lb. .0505 - —
D (Ill., Ia., Wis.)...lb. .0490 - —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y., Ohio, part of Pa., Tenn., W. Va.)..lb. .0505 - —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .0535 - —
G (Mexico).....lb. .0455- —
ctns., l.c.l., dlvd. all zones. lb. .07¾- —
cs., dlvd. all zones.....lb. .06¾- —
export, full, comprsd., cs., f.a.s. Gulf ports..lb. .05¼ Nom.
uncompressed, cs., f.a.s. Gulf ports..lb. .06 Nom.
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, bbls., l.c.l., works..lb. .07¾- .08½
2, bbls., l.c.l., works...lb. .07 - —
pure, bbls., works.....lb. .08¾- —
Ivory, genuine, bbls.....lb. .30 - .35
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works.....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
import, 1, bbls., c.l., f.o.b. N. Y...lb. .08 - —
l.c.l., f.o.b. N. Y.....lb. .09 - —
2, bbls., c.l. f.o.b. N. Y...lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls., c.l., f.o.b. N.Y...lb. .13 - —
l.c.l., f.o.b. N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N. Y...lb. .14 - —
l.c., f.o.b. N. Y.....lb. .15 - —
5, bbls., c.l., f.o.b. N. Y...lb. .19 - —
l.c.l., f.o.b. N. Y.....lb. .20 - —
6, bbls., c.l., f.o.b. N. Y...lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
Vine, A, bbls., works or N.Y.lb. .04½- —
B, bbls., works or N. Y....lb. .05½- —
Black dyes are listed under Dyes.
Black haw root bark, bls.....lb. .21 - .23
Tree bark, bls.....lb. .11 - .13
Black Indian hemp root, bls...lb. .12 - .13
Blanc fixe, dry, by-product, bgs., c.l...ton.60.00 -65.00
l.c.l. .....ton.65.00 -70.00
high grade precip., bgs, c.l., works, frt. equal.ton.70.00 - —
l.c.l., same basis.....ton.75.00 - —
pulp, 65%%, bulk, c.l., works. ton.40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.25
l.c.l., works.....100 lbs. 2.25 - 2.60
Blood, dried, dom., 16-17% ammon., bulk, f.o.b. N. Y. unit-ton. 3.75 - —
high-grade, grd., 16-17% ammon., bulk, f.o.b. Chi. unit-ton. 4.00 - —
import, bgs., c.i.f. ports, shipt..unit-ton. 3.50 - —
soluble (see Albumen, blood)
Bloodroot, bls .....lb. .12 - .13
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb. .30 - —
Alkali blue toner prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.). Miss., N. C., S. C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1½c. higher dlvd. Tex. (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.
Bronze, bbls., same basis alkali toner, contracts..lb. .27 - —
open order.....lb. .28½- —
Celestial, bbls.....lb. .10 - .15
Chinese, bbls., same basis alkali toner, contracts..lb. .27 - —
open order.....lb. .28½- —
Cobalt, genuine, 1-kilo pkg..lb. 4.90 - —
imitation (see Blue, ultramarine, group 6).
Milori, bbls., same basis alkali toner, contracts..lb. .27 - —
open order.....lb. .28½- —
Peacock, bbls., same basis alkali toner, contracts..lb. .45 - —
open order.....lb. .47 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .27 - —
open order.....lb. .28½- —
soluble, bbls., same basis alkali toner, contracts..lb. .27 - —
open order.....lb. .28½- —
Ultramarine, dry, jobbing, bbls., works, frt. equaled..lb. .10 - —
regular, 1, bbls., works, frt. equald..lb. .15 - —
2, bbls., same basis.....lb. .17 - —
3, bbls., same basis.....lb. .18 - —
4, bbls., same basis.....lb. .19 - —
5, bbls., same basis.....lb. .22 - —
6, cobalt, A., same basis.lb. .26 - —
B, bbls., same basis..lb. .28 - —
C, bbls., same basis..lb. .23 - —
D, bbls., same basis..lb. .21 - —
7, A, bbls., same basis..lb. .22 - —
B, bbls., same basis..lb. .21 - —
special, 1, bbls, same basis. lb. .18 - —
2, bbls., same basis.....lb. .19 - —
3, bbls., same basis.....lb. .21 - —
4, bbls., same basis.....lb. .22 - —
5 bbls., same basis.....lb. .24 - —
6, bbls., same basis.....lb. .26 - —
pulp, 1, bbls., same basis...lb. .26 - —
2, bbls., same basis.....lb. .24 - —
3, bbls., same basis.....lb. .22 - —
4, bbls., same basis.....lb. .19 - —
Ultramarine, blue, dlvd ex whse. is 1c. higher; Pac. coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 25-lb. boxes 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed under Dyes.
Bluefing root, bls.....lb. .15 - .16
Blue mass, USP., cns., kgs....lb. 1.00 - 1.02
Blue vitriol, 99%, cryst., bbls., c.l., f.o.b. N.Y., Chicago, Cooper Hill, Tenn. 100 lbs. 4.00 - —
16-25, same basis.100 lbs. 4.15 - —
6-15, same basis...100 lbs. 4.25 - —
3-5, same basis...100 lbs. 4.50 - —
1-2, same basis...100 lbs. 4.70 - —
monohydrated, dms., c.l., dealers, E. of Rockies...lb. .08 - .081
jobbers, E. of Rockies.lb. .08 - .081
l.c.l., dealers, E. of Rockies..lb. .09 - .095
jobbers, E. of Rockies.lb. .085 - .092
Bluestone (see Blue vitriol)
Bone, raw, dom., 4¼% ammon., 50% phos., bgs., f.o.b. Chicago-ton.24.00 -25.00
c.i.f. Atlantic ports..ton.32.00 - —
S.A., bgs., c.i.f. ports..ton.30.50 - —
steamed, dom., 1¼% ammon., 60% phos., bgs., f.o.b. Chicago..ton.17.00 -18.00
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports.ton.28.50 - —
meal, steamed, dom., 2% ammon., 50% phos., bgs, f.o.b. Chicago..ton.20.00 -22.00
import, 100-lb. bgs., c.i.f. ports..ton.24.75 - —
Phosphate, precip. (see Calcium phosphate, dibasic, precip.)
Borage flowers, bls.....lb. .21 - .23
Borax, tech., 99½%, cryst., bbls., contracts,80 tons min., dlvd..ton.56.00 - —
c.l., dlvd.....ton.60.00 - —
l.c.l., ex whse.....ton.65.00 -70.00
gran., contracts, 80 tons min., dlvd..ton.46.00 - —
c.l., dlvd.....ton.50.00 - —
l.c.l., ex whse.....ton.55.00 -60.00
gran., bbls., contracts, 80 tons min., dlvd..ton.50.00 - —
c.l., dlvd.....ton.54.00 - —
l.c.l., ex whse.....ton.59.00 -64.00
xks., contracts, 80 tons min., dlvd..ton.40.00 - —
c.l., dlvd.....ton.44.00 - —
l.c.l., ex whse.....ton.49.00 -54.00
powd., bbls., contracts, 80 tons min., dlvd..ton.55.00 - —
c.l., dlvd.....ton.59.00 - —
l.c.l., ex whse.....ton.64.00 -69.00
xks., contracts, 80 tons min., dlvd..ton.45.00 - —
c.l., dlvd.....ton.49.00 - —
l.c.l., ex whse.....ton.54.00 -59.00
USP., $15 per ton higher.
Bordeaux mixture, cs., dms., tins, c.l., dealers, East..lb. .08¾- .14¾
West .....lb. .09 - .11
jobbers, East.....lb. .08 - .14½
West .....lb. .08 - .10
l.c.l., dealers, East, 1,000 lbs. and over..lb. .08¾- .15¼
101 to 999 lbs.....lb. .09¾- .16½
100 lbs. or less.....lb. .10¾- .18½
West .....lb. .09½- .11½
jobbers, East.....lb. .09¾- .14¾
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs. and over; no trucking or freight allowances for works or warehouse pick-ups.

Archil—Calcium Hypophosphite

Borneol, bots.....lb. 1.75 - 2.00
Brasilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., c.s.,c.l.,works.lb. .36 - —
1,000 lbs., works.....lb. .38 - —
smaller lots, works.....lb. .43 - —
Bromoform, USP, jars.....lb. 1.75 - 1.90
Bronze powder, aluminum (see A).
Gold, lithe, cns., dms., over 10 lbs..lb. .40 - .65
moulding, cns., dms., over 10 lbs..lb. .55 - .60
printing ink, cns., dms., over 10 lbs..lb. .70 - 1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtop, bls.....lb. .10 - .11
Brown, iron oxide, pure precip., cks, f.o.b. N.Y. or works...lb. .12½- —
Metallic, bbls., works.....lb. .02 - —
paper bgs., c.l., works.....lb. .0185- —
Sienna, burnt, American, bbls., works..lb. .06 - —
Italian, 1, bbls., f.o.b. N.Y. or Pa. points.....lb. .12 - —
2, bbls., same basis.....lb. .11 - —
3, bbls., same basis.....lb. .10 - —
4, bbls., same basis.....lb. .09½- —
5, bbls., same basis.....lb. .09½- —
6, bbls., same basis.....lb. .09 - —
7, bbls., same basis.....lb. .07½- —
8, bbls., same basis.....lb. .07 - —
9, bbls., same basis.....lb. .06½- —
10, bbls., same basis.....lb. .05½- —
11, bbls., same basis.....lb. .04½- —
Umber, American, bbls., works. lb. .02½- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Pa., Easton, Pa., N. Y.....lb. .06 - —
St. Louis.....lb. .04½- —
ex car Los Angeles...lb. .04½- —
ex dock Portland, San Francisco, Seattle.lb. .04½- —
ex whse. Boston.....lb. .04½- —
Chicago, Indianapolis, New Orleans.....lb. .04½- —
Kansas City.....lb. .06 - —
Los Angeles, Portland, San Francisco, Seattle lb. .04½- —
Minneapolis .....lb. .0485- —
Pittsburgh .....lb. .04½- —
Vandyke, bbls., l.c.l.....lb. .05½- —
Walnut crystals, bbls.....lb. .06 - —
Brucine, cns.....oz. .10 - .11
Sulphate, cns.....oz. .07 - .08
Bryonia roots, bls.....lb. .10 - .11
Buchu leaves, bls.....lb. .70 - .80
Buckthorn bark, true, bls.....lb. .04 - .05
Berries, bgs.....lb. .10 - .20
Burdock root, bls.....lb. .09¼- .10
Burgundy pitch, dom., bbls., c.l., works..lb. .03½- —
l.c.l., dlvd. E.....lb. .05 - —
import., stands.....lb. .11 - .12
Butanes, comL., 16-32°, tanks, group 3..gal. .02¾- .03½
Butternut bark, bls.....lb. .06½- .07
Butyl acetate, norm., dms., c.l., contract, frt. alld..lb. .09¾- —
l.c.l., contract, frt. alld.lb. .10 - —
tanks, contract, frt. alld.lb. .08½- —
secondary, dms., c.l., f.o.b. dest...lb. .08½- —
l.c.l., f.o.b. dest.....lb. .09 - —
tanks, f.o.b. dest.....lb. .07½- —
Acohol (see Alcohol).
Aldehyde, dms., c.l., works..lb. .19 - —
l.c.l., works.....lb. .21 - —
Carbinol (see Carbinol).
Lactate, dms.....lb. .22½- .26½
Propionate, dms., dlvd.....lb. .16 - .18½
tanks, dlvd.....lb. .17 - —
Butyric ether, dms.....lb. .30 - .35

C

Cadmium bromide, bots., jars.lb. 1.30 - 1.44
Iodide, bots., jars.....lb. 3.65 - 3.70
Lithopone (see Yellow).
Metal, cs.....lb. 1.05 - —
Red (see Red).
Selenide (see Red).
Sulphide (see Yellow).
Caffeine, cns., cs., less than 1,000 lbs., contract..lb. 2.20 - 2.30
dms., 1,000 lbs. or over, contract..lb. 2.15 - —
Citrated, cns.....lb. 1.70 - 1.75
Hydrobromide, bots., jars...lb. 4.22 - 4.37
Calabar beans, bgs.....lb. .15 - .16
Calamus root, bleached, cs....lb. .45 - .50
Calcium acetate, bgs., dlvd..... 100 lbs. 2.10 - —
Arsenate, dms., c.l., consumers, S...lb. .09¼- —
dealers, E. of Rockies..lb. .09½- —
South .....lb. .09¼- —
jobbers, E. of Rockies.lb. .09 - —
South .....lb. .09 - —
l.c.l., consumers, S.....lb. .07¼- —
dealers, E. of Rockies, 1,000 lbs. or over...lb. .09¾- —
101 to 999 lbs.....lb. .07¾- —
100 lbs. or less.....lb. .08¾- —
South .....lb. .09¾- —
jobbers, E. of Rockies..lb. .09½- —
South .....lb. .09¾- —
Calcium arsenate prices are works or whse basis, frt. alld. to dest. in lots of 90 lbs. or over; no frt. or truck, allowance for plant or whse. pick-up.
Bromide, jar.....lb. .60 - .65
Carbide, dms.....lb. .05 - .06
Carbonate (see Chalk and Whiting)
Chloride, flake, dom., 77-85%, bgs., dms., c.l., dlvd. ton.22.00 -35.00
l.c.l., 1 ton or over, dlvd..100 lbs. 1.70 - 2.35
liquor, basis 40%, tanks, works ton. 7.50 - —
solid, dom., 73-75%, bgs., dms., c.l., dlvd..ton.20.00 -32.00
l.c.l., 1 ton or over, dlvd..100 lbs. 1.60 - 2.25
Gluconate, pharm., gran., powd., bbls. (125 lbs.)..lb. .50 - —
25 lbs.....lb. .57 - —
Glycerophosphate, bbls., kgs., 100 lbs..lb. 1.15 - —
Hypophosphite, cns.....lb. .62 - .67

Calcium Iodide—Coaltar

Calcium, iodide, bots., jars	lb.	3.70	- 3.75
Lactate, USP, bbls.	lb.	.25	- .26
Nitrate, bgs., to fert. mfrs., ex vessel	ton.	26.10	- —
Palmitate, bbls.	lb.	.21	- .22
Phosphate, dibasic, precip., 35-42% P_2O_5, c.l.f. Atlantic ports, unit-ton.		.69	- —
tri-basic, precip., c.l., bbls., works	lb.	.06½	- —
l.c.l., bbls.	lb.	.07½	- —
Resinate, precip., bbls., 1 ton	lb.	.13	- —
smaller lots		.14	- —
Stearate, precip., bbls., ctns., c.l.	lb.	.19	- —
1 ton	lb.	.20	- —
smaller lots	lb.	.21	- —
Sulphate (see Gypsum)			
Sulphide, 75%, CaS (minus 100 mesh, c.l., works	ton.	52.00	- —
l.c.l. works	ton.	56.00	- —
55/65 CaC c.l., works	ton.	58.00	- —
l.c.l., works	ton.	64.00	- —
luminous, dom., tins, works,	lb.	.75	- —
Sulphocarbolate, cs.	lb.	.47	- .48
Calendula flowers, bls.	lb.	.55	- .60
Calomel, bxs., kgs.	lb.	1.32	- —
Camphor, natural, powd., cs.	lb.	.52	- .53
slabs, cs.	lb.	.52	- .53
tablets, tins	lb.	.57	- .58
synthetic, dom., imp., gran., powd., bbls., 2,000 lbs.	lb.	.48	- —
500 lbs.	lb.	.50	- —
100 lbs.	lb.	.51	- —
tablets, cs., 2,000 lbs.	lb.	.54	- —
500 lbs.	lb.	.56	- —
100 lbs.	lb.	.57	- —
Monobromate, bxs., kgs.	lb.	1.60	- 1.65

Canada balsam (see Fir balsam)			
Canary seed, Argentine, bgs.	lb.	.06¼	- .06¾
Morocco, bgs.	lb.	.06¾	- .07
Turkish, bgs.	lb.	.06¾	- .07¼
Canella alba bark, bls.	lb.	.37	- .38
Cannabis herb, bls.	lb.	.18	- .20
Cantharides, Chinese, cs.	lb.	.60	- .65
powd., bxs.	lb.	.85	- .90
Russian, cs.	lb.	1.40	- 1.45
powd., bxs.	lb.	1.80	- 1.85
Capsicum (see Pepper, red).			
Caraway seed, Dutch, bgs.	lb.	.06¼	- .06½
Carbazole, 70-80%, dms.	lb.	.60	- —
90%, dms.	lb.	.92	- —
96-99%, dms.	lb.	.92	- —
Carbinol, butyl, norm., dms., works	lb.	.60	- —
small lots, works	lb.	.75	- —
secondary, dms., works	lb.	.60	- —
small lots, works	lb.	.75	- —
Diethyl, dms., works	lb.	.60	- —
small lots, works	lb.	.75	- —
Isobutyl, 128-132°, dms., c.l., works	lb.	.33	- —
l.c.l., works	lb.	.34	- —
tanks, works	lb.	.32	- —
Methylpropyl, dms., works	lb.	.60	- —
smaller lots, works	lb.	.75	- —
Dimethylethyl, dms., works	lb.	.60	- —
small lots, works	lb.	.75	- —
Carbon bisulphide, dms.	lb.	.06¼	- .06¾
tanks	lb.	.04½	- —
Dioxide, cyls.	lb.	.06	- .09
Tetrachloride, 55-gal. or 110-gal., dms., c.l. (20 tons), frt. alld. E. of Miss. river, N. of Ohio river, including Ky., Va., W. Va.	lb.	.05¼	- —
l.c.l., same basis	lb.	.05¾	- —

Carbon tetrachloride, 10-gal. dms., c.l. (20 tons), same basis	lb.	.07	- —
l.c.l., same basis	lb.	.08½	- —
5-gal. dms., c.l. (20 tons), same basis	lb.	.07	- —
l.c.l., same basis	lb.	.08½	- —
tanks, same basis	lb.	.05	- —
Fire extinguisher liquid, 2½c. lb. higher.			
Cardamom, bleached, cs.	lb.	1.00	- 1.20
decorticated, cs.	lb.	1.12	- 1.15
green, bgs.	lb.	.94	- .97
Carvol, bots.	lb.	4.00	- 4.25
Cascara sagrada bark, bulk	lb.	.12	- .13
Case-hardening mixture, 45%, gran., dms., l.c.l.	lb.	.11½	- —
lump, dms., l.c.l.	lb.	.10½	- —
90%, lump, dms. l.c.l.	lb.	.09	- —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd.	lb.	.17	- —
5 tons, works	lb.	.17½	- —
smaller lots, works	lb.	.18½	- —
80-100 mesh, bgs., c.l., dlvd.	lb.	.17½	- —
5 tons, works	lb.	.17¾	- —
smaller lots, works	lb.	.18¾	- —
Import, Argent., 20-30 mesh, bgs., c.l., duty pd.	lb.	.17	- —
80-100 mesh, bgs., c.l., duty pd.	lb.	.17½	- —
French, 30 mesh, bgs., c.l., duty pd.	lb.	.16½	- .17
Cassia, Batavia, 1, bgs.	lb.	.13¼	- .13¾
3, bls.		.07¼	- .07¾
short stick, bls.	lb.	.12	- .12½
China, rolls, select, cs.	lb.	.05½	- .05¾
broken, extra bls.	lb.	.03¾	- .04
Saigon, bls.	lb.	.15½	- .16
Cassia buds, cs.	lb.	.14½	- .15
Cassia fistula, bakts.	lb.	.15	- .16

Castile soap, white, bars, cs., 40 lbs.		20.00	- —
powd., bbls.	lb.	.22	- .23
Castoreum, nat., cns.	lb.	15.00	-18.00
synth., bots.	lb.	19.00	- —
Castor oil (see Oil, caster)			
Pomace, dom., 5½% ammon., bgs., c.l., works	ton.	18.50	- —
Import, bgs., c.l.f., ports, shipment	ton	No prices	
Catnep leaves, bls.	lb.	.18	- .19
Celery seed, French, bgs.	lb.	.20	- .21
Indian, bgs.	lb.	.15	- .15½
Celluloid scrap, amber, cs.	lb.	.12	- .13
black, cs., works	lb.	.06	- .09
China white, ivory, cs., works,	lb.	.12	- .13
dense white, cs., works	lb.	.11	- .12
gray, cs., works	lb.	.09	- .10
mixed, mottles, opaques, cs., works	lb.	.05	- —
shell-demi, cs., works	lb.	.09	- .10
translucent pastels, cs., works	lb.	.13	- .14
transparent, cs., works	lb.	.12	- .13
colors, cs., works	lb.	.08	- .09
Shavings, amber, cs., works	lb.	.13	- —
colored, mixed, cs., works	lb.	.09	- —
white, cs., works	lb.	.12	- —
Cellulose acetate, flake, cs., 2,000 lbs., works	lb.	.55	- —
1,000 lbs., works	lb.	.56	- —
500 lbs., works	lb.	.57½	- —
100 lbs., works	lb.	.60	- —
scrap, transparent, bgs., works.	lb.	No stocks	
Cement, white, bbls. (4 bags), 3 tons, dlvd. N.Y.	bbl.	6.10	- —
less than 5 tons, truck dlvy.	bbl.	8.00	- —
Cerium hydrate, dms., works	lb.	.65	- —
Oxalate, USP, bbls., works	lb.	.28	- —
kgs., works	lb.	.30	- —
Chalk, precip., ext. light, csks., c.l.	lb.	.03	- .04
heavy, csks., c.l.	lb.	.03	- .04
light, csks., c.l.	lb.	.02	- .04
Chamomile flowers, Hungarian, genuine, cs.	lb.	.23	- .24
Roman, bls.	lb.	.28	- .30
Charcoal, softwood, powd., 80-100 mesh, bgs., c.l., dlvd. Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va.	ton.	28.40	- —
Conn., Me., Mass., N. H., R. I., Vt.	ton.	28.80	- —
Ill., Wis.	ton.	23.00	- —
Indiana	ton.	26.00	- —
Mich., Ohio, Penn.	ton.	27.80	- —
l.c.l. works	ton.	18.00	- —
Willow, powd., bbls.	lb.	.06	- .07
Chestnut extract, clarif., 25% tan., bbls.	lb.	.01625	- —
tanks	lb.	.02	- —
powd., bgs., works	lb.	.04½	- —
Chillies (see Pepper, red).			
China clay, dom., dry-grd., air-float, 90.75% 300 mesh, bgs., c.l., works	ton.	8.50	- —
l.c.l., works	ton.	9.00	-16.00
bulk, c.l., works	ton.	6.00	- —
90.75% 200 mesh, bgs., c.l., works	ton.	7.50	- —
l.c.l., works	ton.	8.50	-14.50
wet-grd., silk-bolt., 90.5% 325 mesh, bulk, c.l., works	ton.	6.00	- —
paper bgs., c.l., works.	ton.	10.50	- —
Import., white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila.	ton.	22.00	-25.00
powd., csks., l.c.l., ex dock	ton.	33.00	- —
ex whse.	ton.	37.50	- —
Chloral hydrate, bots., 1,000 lbs.	lb.	.83	- .93
500 lbs.	lb.	.86	- .96
100 lbs.	lb.	.88	- .97
25 lbs.	lb.	.90	- .99
1-10 lbs.	lb.	.95	- 1.02
dms., 1,000 lbs.	lb.	.80	- —
500 lbs.	lb.	.83	- —
100 lbs.	lb.	.85	- —
Chlorine, liq., cyls., c.l., dlvd., N.Y.	lb.	.06½	- —
contracts., dlvd., N.Y.	lb.	.05½	- —
l.c.l., dlvd., N.Y.	lb.	.07½	- —
tanks, single unit, works, frt. equald. 160 lbs.		2.15	- —
multiple unit, 4 or over, wks., frt. equald. 100 lbs.		2.30	- —
1-3, works, frt. equald. 100 lbs.		2.55	- —
Chloroacetophenone, tins, works	lb.	2.00	- —
Chloroform, tech., 650-lb. drums.	lb.	.20	- —
100-lb. dms.	lb.	.22	- —
50-lb. tins	lb.	.23	- —
USP, 650-lb. dms.	lb.	.30	- —
100-lb. dms.	lb.	.32	- —
50-lb. dms.	lb.	.33	- —
Chloropicrin, comi., cyls., works,	lb.	.85	- .90
Chrome acetate, bbls.	lb.	.05	- .08
Cake, bulk., c.l., works	ton.	11.00	-12.00
Green (see Green, chrome)			
Oxide (see Green, chrome oxide)			
Sulphate, pearls, bxs., cns., fib. dms.	lb.	.40	- .45
powd., bxs., cns., fib. dms.	lb.	.40	- .45
scales, bxs., cns., fib. dms.	lb.	.45	- .50
Trioxide (see Acid, chromic)			
Yellow (see Yellow, chrome)			
Chrysarobin, cns.	lb.	3.25	1 3.50
Cinchona bark, chips, bgs.	lb.	.18	- .20
high test, bgs.	lb.	.45	- .50
quills, broken, bgs.	lb.	.18	- .20
long, cs.	lb.	.55	- .60
short, bgs.	lb.	.50	- .55
Ecuador, tubes.	lb.	.17	- .25
Cinchonidine, cryst., powd., cns.	oz.	.80	- .87
Sulphate, cns.	oz.	.47	- —
Cinchonine, cryst., powd., cns.	oz.	.50	- .58
Sulphate, cns.	oz.	.34	- —
Cinchophen, USP., bbls.	lb.	3.00	- —
bxs., dms., kgs.	lb.	3.05	- 3.10
Cinnamic alcohol (see Alcohol, cinnamic)			
Aldehyde, f.f.c., bots.	lb.	1.55	- 2.00
Cinnamon, Ceylon, 2, bls.	lb.	.17	- .17½
3, bls.	lb.	.16	- .16½
Citral, cns.	lb.	1.75	- 3.15
Citrine ointment, jars, tubes.	lb.	.75	- —
Citronellal, bots.	lb.	1.10	- 1.25
Citronellol, bots.	lb.	1.90	- 2.10
Clove, Madagascar, bls.	lb.	.15½	- .16
Zanzibar, bls.	lb.	.15½	- .16
Clover tops, bls.	lb.	.12	- .13
Coaltar, coal-gas, crude, bbls., c.l., works	bbl.	7.25	- —
l.c.l., works	bbl.	8.00	- —
tanks, works	gal.	.07	- .09
refd., bbls., c.l., works	bbl.	7.75	- —
l.c.l., works	bbl.	8.50	- —
tanks, works	gal.	.08	- .10
water-gas, crude, dms., c.l., works	dm.	6.75	- —
l.c.l. works	dm.	7.50	- —
tanks, works	gal.	.07	- .08
refd., dms., c.l., works	dm.	7.25	- —
l.c.l. works	dm.	8.00	- —
tanks, works	gal.	.08	- .09

THIS IS A USEFUL PAGE

It will give you an idea of the quality of WITCO products and the extent of WITCO's service...and at the same time enable you to secure samples and prices promptly. Simply check, in the coupon, the items you use, fill out and send to

WITCO

MINERAL RUBBER
WITCO's Pioneer Brand Hydrocarbons are high grade, refined, pure asphalt products, glossy black, non-tacky, held in high regard wherever used.

BLANC FIXE
Pure white, speck free, made by direct process that assures better color and more uniform oil absorption.

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WITCO's product is famous for its soft, fluffy texture, a quality that is highly useful in improving the brushing and suspending properties of paints.

DPG
WITCO's DPG, because of its dependable quality, has received ready acceptance and is now enjoying a wide application among discriminating users.

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WITCO Micas, dry and water-ground, have gained very favorable recognition for their exactness of grinding. Supplied in seven standard meshes ranging from 20 mesh to 325 mesh. WITCO "P" grade is ideal for cold water paints.

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WITCO Stearates are not only of exceptional purity but also of an unusually even, fluffy texture, free from all traces of "greasy" lumps. Zinc, Calcium, Aluminum and Magnesium.

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For dry cleaning processes and water purification plants WITCO offers an activated carbon of consistently dependable quality.

WISHNICK-TUMPEER, INC.
295 MADISON AVE., NEW YORK, N. Y.

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Mineral Rubber ☐	DPG ☐	Micas ☐	Cadmium Yellows ☐
Blanc Fixe ☐	Palm Oil ☐	Caustic Soda ☐	☐
Carbon Black ☐	Stearite ☐	Magnesium Carbonate ☐	☐
China Clay ☐	Stearates ☐	Activated Carbon ☐	☐

Name.....

Company.....

Address.....

City.....State.....

Cobalt acetate, bbls., dlvd.....lb. .53 - .60
kgs., dlvd.....lb. .65 - —
Carbonate, tech., bbls., dlvd.lb. 1.42½- —
Chloride, dms., works.....lb. .67¼- .72½
Hydrate, bbls.....lb. 1.66 - 1.70
Linoleate, paste, 6%, dms...lb. .31¼- —
solid, 8-9%, bbls.....lb. .32½- —
Oleate, bbls.....lb. .26 - —
Oxide, black, kgs.....lb. 1.41 - 1.51
Resinate, fused, A, bbls.....lb. .13 - —
1%, bbls.....lb. .12½- —
2%, bbls.....lb. .16½- .17
3%, bbls.....lb. .17½- .18
precip., dms., dlvd.....lb. .30½- —
Sulphate, dms.....lb. .51 - .53
Cocaine hydrochloride, cns....oz. 9.75 -10.00
Cochineal, gray, bgs.....lb. .32 - .36
Teneriffe, silver, bgs.....lb. .33 - .37
Cocillana bark, bgs.....lb. .20 - .21
Cocoa butter, lump, bgs., c.l..lb. .21¼- —
Codeine, cns., 100 ozs.....oz. 11.70 -11.75
Hydrochloride, cns., 100 ozs..oz. 10.50 -10.55
Phosphate, cns., 100 ozs....oz. 9.00 - 9.05
Sulphate, cns., 100 ozs.....oz. 9.50 - 9.55
Codliver oil (see Oil, codliver)
Cohosh, black, root, bls.....lb. .07 - .07½
Blue, root, bls.....lb. .05½- .06
Colchicine, vls.....oz. 24.00 -35.00
Colchicum seed, bgs.....lb. .23 - .25
Collodion, USP, dms.....lb. .12 - .18
Flexible, USP, dms.....lb. .14 - .15
Colocynth pulp, bls.....lb. .60 - .65
Colombo root, bls.....lb. .10½- .11
Coltsfoot leaves, bgs.....lb. .09 - .10
Condurango bark, bgs.....lb. .08 - .09
Conium leaves, bls.....lb. .18 - .19
Copaiba balsam, Para, cns....lb. .19 - .20
S.A., USP, cns.....lb. .21 - .22
Copper carbonate, 52-59%, bbls.lb. .14½- .16¼
18-20%, bbls.....lb. .07 - .08
Chloride, bbls.....lb. .17 - .18
Cyanide, tech., bbls.....lb. .37 - .38
Iodide, bots.....lb. 4.97 - 5.02
Metal, electrolytic.....lb. .10 - —
Oleate, precip., bbls.....lb. .20 - —
Oxide, black, bbls., tons, works, lb. .14¾- —
smaller lots, works.....lb. .15½- —
Red, com'l, 50-75%, kgs., c.l., f.o.b. N.Y..lb. .14 - —
l.c.l., f.o.b. N. Y....lb. .15 - —
Resinate, precip., bbls.....lb. .18 - .19
Stearate, precip., bbls.....lb. .35 - .40
Sulphate (see Blue vitriol)
Copperas, cryst., gran., bgs., c.l., works..ton. 14.00 -15.00
bbls., c.l., works.....ton. 16.00 -17.00
l.c.l., 25 or over, works.... 100 lbs. 1.35 - —
5-24, works .....100 lbs. 1.50 - —
1-4, works .....100 lbs. 2.00 - —
bulk, c.l., works.....ton. 12.00 -13.00
Copra, bgs., Pacific Coast.....lb. .0375 Nom.
Coriander seed, Morocco, bgs..lb. .04½- .05
bleached, bgs.....lb. .06¼- .06½
Russian, bgs.....lb. No stocks.
Corn sugar, tanners, bbls., dlvd. 100 lbs. 3.83 - —
ex whse.....100 lbs. 3.78 - —
Syrup, 42°, bbls.....100 lbs. 3.80 - —
43°, bbls.....100 lbs. 3.90 - —
Cornsilk, bls.....lb. .07½- .08
Corrosive sublimate, cryst., bxs., fib. dms., kgs..lb. 1.14 - —
gran., bxs., fib. dms., kgs....lb. .99 - —
powd., bxs., fib. dms., kgs....lb. .99 - —
Cottonroot bark, bls.....lb. .12 - .13
Cottonseed hull ash, 25-30% pot-ash bulk, dlvd..unit-ton. 1.06 - —
Coumarin, cns.....lb. 3.10 - 3.35
Cramp bark, genuine, bls.....lb. .20 - .21
so-called, bls.....lb. .07 - .08
Cranesbill root, bls.....lb. .10 - .11
Cream tartar, cryst., bbls.....lb. .16¾- .17¼
kgs. .....lb. .17¼- .17¾
gran., bbls.....lb. .16¼- .16¾
kgs. .....lb. .16¾- .17¼
powd., bbls.....lb. .16¼- .16¾
kgs. .....lb. .16¾- .17¼
Creosote, wood, beech., bots..lb. .70 - .75
pine, dms.....gal. .28 - —
USP, bots.....lb. .45 - .47
Carbonate, bots., cbys.....lb. 1.40 - 1.75
Oil, crude, tanks, works....gal. .12½- .13½
Coaltar solution, tanks, works gal. .113 - .125
refd., bbls., c.l., works..gal. .22½- —
l.c.l., works.....gal. .25 - —
tanks, works.....gal. .18 - .18½
Cresol, USP., dms.....lb. .10 - .10½
Crotonaldehyde, tech., dms., c.l., works..lb. .26 - —
l.c.l., works.....lb. .30 - —
Cube root, powd., 5% rotenone, bbls., 30,000 lbs., 1 shipm't., f.o.b. N. Y. C., fr't., equal'd., with shipm'ts., from Newark, Balto., and West Coast ports.....lb. .28 - —
30,000 lbs., contract, same basis..lb. .28½- —
10,000 lbs., same basis.lb. .29 - —
2,000 lbs., same basis.lb. .30 - —
200 lbs., same basis..lb. .33 - —
less than 200 lbs., same basis..lb. .36 - —
4% rotenone prices 5c. per lb. less.
Cubeb berries, XX, bgs.....lb. .35 - .36
powd., cs.....lb. .39 - .40
Culver's root, bls.....lb. .16 - .17
Cumin seed, Algerian, bgs....lb. .08¾- .09¼
Indian, bgs.....lb. .09¼- .09½
Morocco, bgs.....lb. .09¼- .09½
Cutch, Philippine, bls., c.l....lb. .04 - —
Cyanamide, 21-22% N., dom., pulv., bgs., f.o.b. Gulf ports, dlvd, interior, NH_3.unit. 1.07½- —
Atlantic ports, NH_3.unit. 1.03 - —
Cyanide-chloride mixture, 75% gran., dms..lb. .16 - .17
lump, dms.....lb. .14 - .15

D

Damiana leaves, bls.....lb. .13 - .14
Dandelion root, German, bls..lb. .29 - .31
Deertongue leaves, bls.....lb. .08 - .09
Degras, common, dom., bbls..lb. .05½- .06
English, bbls.....lb. .06 - .06½
Japanese, bbls.....lb. .07¼- .07¾
neutral, dom., bbls.....lb. .08½- .10½
English, bbls.....lb. .09 - .09½
Derris root, powd., 5% rotenone, bbls., 30,000 lbs., 1 shipment, f. o. b. N. Y. C., fr't., equal'd with shipments from Newark, Balto., and West Coast ports.....lb. .39 - —
30,000 lbs., contract, same basis..lb. .39½- —
10,000 lbs., same basis.lb. .40 - —
2,000 lbs., same basis.lb. .41 - —
200 lbs., same basis..lb. .44 - —
less than 200 lbs., same basis..lb. .47 - —
4% rotenone prices 6c. per lb. less.
Dextrin, British gum, bgs., c.l., f.o.b. Chicago..100 lbs. 4.60 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.80 - —
Corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 4.35 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.55 - —
white, bgs., c.l., f.o.b. Chicago 100 lbs. 4.30 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.50 - —
Potato, import., bgs.....lb. .07¾- .09¼
Tapioca, bgs., ex whse.....lb. .08 - —
Diamyl ether, dms., c.l., works. lb. .085 - —
l.c.l., works .....lb. .092 - —
tanks, works .....lb. .075 - —
oxalate, dms., l.c.l., works...lb. .30 - —
Diamyl phthalate, dms., c.l., dlvd. lb. .19 - —
l.c.l., dlvd. .....lb. .19½- —
5-gal. dms., works.....lb. .22 - —
tanks, dlvd. .....lb. .18 - —
Sulphide, dms., l.c.l., works.lb. 1.10 - —
Diamylamine, dms., l.c.l. works lb. .75 - —
Diamylene, dms., c.l., works.lb. .095 - —
l.c.l., works.....lb. .102 - —
tanks, works .....lb. .085 - —
Dianisidin, bbls. .....lb. 2.25 - 2.45
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works. ton. 22.00 -85.00
l.c.l., ex whse.....ton. 45.00 -150.00
import., bgs., c.l., f.o.b. N.Y. ton. 40.00 - —
Dibutyl phthalate, dms.....lb. .18 - .18½
Tartrate, dom., dms.....lb. .35 - .40
import., dms. .....lb. .80 - .85
Dicalcium phosphate (see Calcium phosphate, dibasic)
Dichloroethyl ether, dms., c.l., works..lb. .16 - —
l.c.l., works .....lb. .17 - —
tanks, works .....lb. .15 - —
Dichloropentanes, dms., c.l., works..lb. .062 - —
l.c.l., works .....lb. .04 - —
tanks, works .....lb. .025 - —
Diethanolamine, dms. .....lb. .31 - .35
Diethyl carbonate, coml., dms.lb. .31¾- —
refd., 99%, dms.....lb. .50 - —
Carbinol (see Carbino)
Phthalate, dms., c.l.....lb. .18½- —
l.c.l. .....lb. .19 - —
tanks .....lb. .17½- —
Diethylanilin, dms. .....lb. .52 - .54
Diethylene oxide, dms., c.l., works lb. .20 - —
l.c.l., works .....lb. .21 - .24
tanks, works .....lb. .19 - —
Diethyleneglycol, dms., c.l., works lb. .16¼- —
l.c.l., works .....lb. .17½- —
Monobutylether, dms., works.lb. .20 - .27
Monoethylether, dms., c.l., works..lb. .16 - —
l.c.l., works .....lb. .17 - —
tanks, works .....lb. .15 - —
Digitalis leaves, dms.....lb. .25 - .30
Diglycol oleate, light, bbls....lb. .24 - —
Dill seed, recleaned, bgs.....lb. .06¾- .06¾
Dimethyl phthalate, dms.....lb. .19½- .20
Dimethylanilin, dms. .....lb. .29 - .30
Dimethylethyl carbinol (see Carbinol)
Dinitrobenzene, bbls. .....lb. .17 - .17½
purified, bbls. .....lb. .19 - .19½
Dinitrochlorobenzene, bbls. ...lb. .14½- .15½
Dinitronaphthalene, kgs. .....lb. .35 - .38
Dinitrophenol, bbls. .....lb. .23 - .24
Dinitrotoluene, dms. .....lb. .15½- .16½
oily, dms. .....lb. .08½- .10
Diorthotoluiguanidin, dms., 2,000 lbs. or over, dlvd.....lb. .44 - —
600-1,950 lbs., dlvd.....lb. .46 - —
150-450 lbs., dlvd.....lb. .47 - —
Dip oil (see Tar acid oil)
Dipentene, dms. .....gal. .47 - .50
tanks .....gal. .41 - —
Diphenyl, bbls., c.l., works....lb. .15 - —
l.c.l., works .....lb. .20 - .25
Diphenyl, oxide, bots.....lb. .70 - 1.00
Diphenylamine, bbls. .....lb. .31 - .32
Diphenylguanidin, dms., 2,000 lbs. or over, dlvd..lb. .35 - —
600-1,950 lbs., dlvd.....lb. .36 - —
150-450 lbs., dlvd.....lb. .37 - —
Diphenylmethane, bots. .....lb. 1.40 - 2.00
Disodium phosphate (see Soda phosphate, dibasic)
Divi-divi, bgs., shipment....ton. 32.00 -35.00
Extract, 25% tan., bbls.....lb. .05 - .05½
Doggrass root, cut, bls.....lb. .12 - .13
Dogwood bark, dom., bls.....lb. .04 - .05
Jamaica, bls. .....lb. .06½- .07
Dover's powder, USP, cns....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .85
reeds, thin, cs.....lb. .90 - 1.00
Dubois ine sulphate, vls.....oz. 34.50 -35.00
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
36 Chrome yellow 2G.....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet .....lb. .80 - 1.00
105 Lake red C.....lb. 1.15 - 1.25
176 Fast red A.....lb. .60 - .75
180 Fast red VB.....lb. 1.50 - 1.75
189 Lake red R, paste.....lb. .85 - .90
189 Lake red R, powdered..lb. 3.00 - 3.10
202 Chrome blue black U..lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
208 Fast red blue R.....lb. .75 - 2.00
210 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
290 Chrome black F.....lb. .60 - .65
307 Fast cyanin black B...lb. .80 - .85
326 Direct fast scarlet.....lb. 2.00 - 2.25
364 Paper yellow .....lb. .83 - .90
365 Chrysophenin G.....lb. .58 - .70
394 Direct violet N.....lb. 1.25 - 1.30
352 Direct scarlet B.....lb. 1.50 - 1.75
357 Direct violet B.....lb. 1.00 - 1.30
401 Developed black BHN..lb. .50 - .75
406 Direct blue 2B.....lb. .25 - .30
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10
448 Benzo purpurin 4B.....lb. .40 - .42½
496 Benzo purpurin 10B....lb. .40 - .50
502 Direct azurin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B....lb. 1.10 - 1.25
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black FF..lb. .55 - 1.00
581 Direct black EW.....lb. .25 - .50
582 Direct black RX.....lb. .35 - .45
593 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
596 Direct brown 3GO.....lb. .35 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet .....lb. 1.00 - 3.00
812 Primulin .....lb. .50 - .52
814 Direct fast yellow...lb. 2.00 - 2.25
845 Nigrosin (water soluble).lb. .35 - .50
1177 Indigo, 20 p.c., paste...lb. .15 - .18
Benzo fast black L....lb. .90 - 1.00
Sulphur black .....lb. .20 - .25
Sulphur blue .....lb. .40 - 1.00
Sulphur brown .....lb. .25 - .50
Sulphur maroon .....lb. .40 - —
Sulphur olive .....lb. .25 - .54
Sulphur tan .....lb. .30 - .50
Sulphur yellow .....lb. .30 - .50
Zambesi black .....lb. .75 - .80
Dyes, coaltar, for general use (the numbers are those of the Colour Index.)
Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse)
Black:—
805 Nigrosin derivatives.lb. .42 - —
Blue:—
1075 Alizarin astrol base.lb. 15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
729 Victoria blue.....lb. .75 - —
Browns:—
Brown .....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
.... Green .....lb. .75 - —
Orange:—
24 Sudan I.....lb. .70 - —
.... Orange, red shade..lb. .75 - —
Red:—
73 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink) lb. 2.50 - —
1080 Anthroquinone violet base..lb. 6.00 - —
680 Oil violet .....lb. .50 - —
Yellow:—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow. lb. .75 - —
61 Yellow OB.....lb. 1.40 - —
Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
864 Nigrosin .....lb. .40 - —
Blue:—
729 Victoria blue .....lb. 2.55 - —
960 Indulin .....lb. .70 - —
Brown:—
331 Bismarck brown ....lb. 1.50 - —
Green:—
657 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .95 - —
Red:—
677 Fuchsin, magenta base. lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
17 Amidoazotoluene yellow—lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS..lb. 3.00 - —
Violet:—
680 Methyl violet.....lb. 1.30 - —
Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
246 Naphthol blue black S. lb. .50 - —
857 Nigrosin .....lb. .36 - —
873 Methylene gray .....lb. 1.50 - —
Blue:—
714 Patent blue A.....lb. 1.60 - —
729 Victoria blue B.....lb. 2.00 - —
861 Indulin .....lb. .87 - —
909 New blue R.....lb. 1.30 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B..lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —
Brown:—
234 Resorcin brown Y...lb. .65 - —
235 Resorcin dark brown R. lb. .66 - —
231 Bismarck brown G..lb. .52 - —
332 Bismarck brown R..lb. .37 - —
795 Phosphin .....lb. 4.65 - —
Green:—
5 Naphthol green B...lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B..lb. 1.55 - —
1078 Alizarin cyanin green. lb. 2.35 - —
Orange:—
10 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .37 - —
27 Orange G.....lb. .50 - —
151 Orange Y.....lb. .30 - —
161 Orange R.....lb. .34 - —
Red:—
31 Amidonaphthol red G. lb. .42 - —
57 Amidonaphthol red 6B. lb. .68 - —
79 Ponceau R.....lb. .42 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A.....lb. .54 - —
179 Azorubin .....lb. .52 - —
183 Crocein scarlet 3BX.lb. .60 - —
185 Cochineal red A.....lb. .60 - —
252 Brilliant crocein M.lb. .68 - —
677 Fuchsin .....lb. 1.90 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6G.....lb. 4.50 - —
768 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Violet:—
680 Methyl violet B.....lb. .82 - —
681 Crystal violet C.....lb. 1.75 - —
695 Acid violet 4BN....lb. .88 - —
Yellow:—
10 Naphthol yellow S..lb. .88 - —
138 Metanil yellow.....lb. .53 - —
536 Fast light yellow...lb. 1.25 - —
629 Xylene light yellow.lb. 1.15 - —
640 Tartarzin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —
Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .21 - .22
Egg albumen (see Albumen).
Yolk, dom., cs.....lb. .68 Nom.
import, cs.....lb. .51 - .54
Elder flowers, bright, bls.....lb. .19 - .20
dark, bls.....lb. .18 - .19
Elecampane root, bls.....lb. .09 - .10
Elm bark, grinding, bls.....lb. .11 - .12
powd., bbls., bxs.....lb. .20 - .21
select, bndls., cs.....lb. .17 - .18
Emetine hydrochloride, bots., vls. oz. 15.00 -15.25
Ephedra, bls.....lb. .06 - .07
Ephedrine, tins, 100 ozs.....oz. 1.00 - —
Hydrochloride, tins, 100 ozs..oz. 1.00 - —
Sulphate, cryst., tins, 100 ozs.oz. 1.00 - —
powd., tins, 100 ozs.....oz. 1.05 - —
Epsom salt, tech., bgs....100 lbs. 1.70 - —
bbls. .....100 lbs. 1.80 - —
USP, cryst., dom., bgs., c.l. 100 lbs. 1.90 - —
bbls., c.l.....100 lbs. 2.00 - —
l.c.l. .....100 lbs. 2.35 - 2.60
import, bgs.....100 lbs. 2.00 - —
dried, dom., bgs., l.c.l...lb. .06 - .08
Ergot, USP, cs, dms.....lb. 1.50 Nom.
Eserine, bots., vls.....oz. 42.00 -42.25
Salicylate, bots., vls.....oz. 29.00 -29.25
Sulphate, bots., vls.....oz. 30.00 -30.25

Cobalt Acetate—Gambier

Ether, acetic, dms.....lb. .10 - .11
Ethyl (see Ether, sulphuric)
Nitrous, conc., bots.....lb. .75 - .77
Sulphuric, conc., dms.....lb. .09 - —
synth., dms., c.l., works...lb. .08 - —
l.c.l., works.....lb .09 - —
USP, anesthesia, dms.....lb. .26 - .27
USP, 1890, dms.....lb. .39 - .40
washed, dms.....lb. .37 - .39
Ethyl acetate, dms., c.l., frt. alld. lb. .07½- —
l.c.l., frt. alld.....lb. .08 - —
tanks, frt. alld.....lb. .06½- —
anhyd., dms., c.l., frt. alld.lb. .06½- —
l.c.l., frt. alld.....lb. .09 - —
tanks, frt. alld.....lb. .07½- —
Bromide, tech., dms.....lb. .50 - .55
Caproate, cns.....lb. 1.00 - —
Chloride, dms.....lb. .22 - .24
Cinnamate, bots.....lb. 3.40 - 4.25
Crotonate, dms., works.....lb. 1.00 - 1.25
Formate, dms.....lb. .27 - .28
Iodide, bots.....lb. 5.55 - 5.60
Lactate, 55-gal. dms., works.lb. .33 - —
5-gal. dms., works.....lb. .36 - —
Oxalate, dms.....lb. .30 - .34
Ethylbenzylanilin, dms. .....lb. .88 - .90
Ethylene bromide, dms.....lb. .65 - .70
Dichloride, dms., dlvd.....lb. .05½- .0694
Ethyleneglycol, dms., c.l.....lb. .17 - —
l.c.l. .....lb. .18 - .21
tanks .....lb. .16 - —
Monobutylether, dms., c.l., works lb. .20 - —
l.c.l., works .....lb. .21 - .24
tanks, works .....lb. .19 - —
Monoethylether, dms., c.l., works lb. .16 - —
l.c.l., works .....lb. .17 - —
tanks, works .....lb. .15 - —
Monoethylether acetate, dms., c.l., works..lb. .14 - —
l.c.l., works .....lb. .15 - —
tanks, works .....lb. .13 - —
Monomethylether, dms., c.l., works..lb. .19 - —
l.c.l., works .....lb. .20 - .23
tanks, works .....lb. .18 - —
Ethylidinanilin, dms. .....lb. .45 - .47½
Ethylmethyl ketone, dms., c.l., frt. pd..lb. .07½- —
l.c.l., frt. pd.....lb. .08 - —
tanks, frt. pd.....lb. .06½- —
Ethylorthoparatoluenesulphonamide, bbls..lb. .55 - —
Ethylparatoluenesulphonamide, bbls..lb. .60 - —
Eucalyptol, cns., dms.....lb. .46 - .48
Eucalyptus leaves, bls.....lb. .06 - .07
Eugenol, cns. .....lb. 1.85 - 1.90
Euphorbia, bls... lb .06 - .06¼

F

Feldspar, enamel, 100 mesh, bulk, works..ton. 14.00 -15.00
glass, 20 mesh, bulk, works.ton. 11.00 -12.25
pottery, bulk, Me. works...ton. 17.00 -19.00
N.C. works.....ton. 17.00 -19.00
Fennel seed, French type, bgs, lb. .07½- .08
India bgs.....lb. .07½- .08
German, large, bgs.....lb. .18 - .19
small, bgs.....lb. .13 - .14
Fenugreek seed, bgs.....lb. .05 - .05½
Ferric sulphate, dms., works.ton. 35.00 -40.00
Film scrap, colors, dark, cs., 1,000 lbs. or over, E. works lb. .12½- .13
smaller lots, E. works. lb. .13½- .14
light, cs., 1,000 lbs. or over, E. works..lb. .14 - .15
smaller lots, E. works.lb. .15 - .16
water white, cs., 1,000 lbs. or over, E. works..lb. .15 - .16
smaller lots, E. works.lb. .16 - .19
Film scrap prices f.o.b. Calif. works, 1c. lb. lower.
Fir balsam, Canada, cns.....gal. 8.75 -13.00
Oregon, bbls.....gal. 2.35 - 2.40
Fish berries, bgs.....lb. .10 - .11
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures unit-ton. 3.25 3.35&.10Nom.
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto..ton. 47.00 -48.00
wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, E. Cst. factories, contracts .....unit-ton. No prices
sardine, meal, Calif., 12-13% ammon., bgs., c.i.f. E. Cst. ports..unit-ton. No prices.
Japanese, 11½% ammon., bgs., c.i.f. ports, shipt., No. 1 grade..ton. 40.00 - —
Flake white, bbls., kgs.....lb. .09¾- .10¼
Fleaseed, French, black, bgs..lb. .11½- .12
Indian, blonde, bgs.....lb. .08½- .09
Fluorspar, enamel, 96-98%, bgs., ton. 31.00 -35.00
standard, gravel, washed, 85 and 5%, dom., bulk, f.o.b. Ill., Ky. mines.. ton. 18.00 - —
import., bulk, Atlantic ports, duty-paid..ton. 22.50 - —
lump, 85 and 5%, dom., bulk, f.o.b. Ill., Ky., mines..ton. 19.00 -20.00
powd., 97%, import., bgs., Atlantic ports, duty-paid..ton. 21.00 -23.00
Formaldehyde, bbls., c.l., works, lb. .06 - —
l.c.l., works.....lb. .06½- .07
Fringetree bark, bls.....lb. .12 - .13
Fuller's earth, dom., bgs., c.l., f.o.b. Fla., Ga., mines..ton. 10.00 - —
import., bgs., c.l., ex dock.ton. 23.00 - —
l.c.l., ex whse.....ton. 30.00 - —
Furfural, refd., dms., c.l., works, lb. .15 - —
l.c.l., works .....lb. .17½- .25
tech., dms., contracts, 150,000 lbs., works..lb. .10 - —
c.l., works.....lb. .12½- —
Fusel oil, refd., dms. incl., dlvd, lb. .16 - .18
Fustic extract, cryst., bbls...lb. .20 - .23
liquid, bbls.....lb. .08½- .09
solid, dms.....lb. .16 - .18

G

G salt, bbls.....lb. .45 - .47
Galangal root, bls.....lb. .08 - .09
Gall extract, bbls.....lb. .18 - .20
Gambier, common, bgs.....lb. No prices.
plantation, bgs.....lb. .09 Nom.
Cubes, Singapore, bgs.....lb. .07 - .08½
Extract, bbls.....lb. .08 - .10

Gasoline—Gum Copal

Gasoline, at refinery:—
- Bayonne, US motor, 62-63 octane, tanks..gal. .06½- —
- 65 octane, tanks.....gal. .06¾- —
- above 65 octane, tanks..gal. .07 - —
- California, 56-58, 375 e.p., tanks..gal. .07 - —
- Gulf Coast, US motor, bulk, export..gal. .05½- —
- 60-62, 390 e.p., bulk, export, gal. .05¾- —
- 60-62, 400 e.p., bulk, export, gal. .05¼- —
- 64-66, 375 e.p., bulk, export, gal. .05½- —
- Louisiana-Arkansas, US motor, 62 octane, tanks..gal. .05 - .05¾
- 63-67 octane, tanks....gal. .06¼- .06¾
- 68-70 octane, tanks....gal. .06½- .06¾
- Oklahoma-Texas, US motor, 62 octane and below, tanks..gal. .04¼- .04¾
- 63-67 octane, tanks....gal. .04¾- .04¾
- 68-70 octane, tanks....gal. .05¼- .05¾
- 60-62, 400 e.p., tanks....gal. .04¾- .04¾
- 64-66, 375 e.p., tanks....gal. .05¾- .05½
- natural, 12-lb. v.p., tanks, gal. .06½- .06½
- 14-lb. v.p., tanks.....gal. .05¾- .06¼
- 18-lb. v.p., tanks.....gal. .05 - .05½
- 22-lb. v.p., tanks.....gal. .0467- .0495
- 26-70-lb. v.p., tanks...gal. .04¼- .04½
- Pennsylvania, US motor, tanks, gal. .05¾- —
- 52-54, 450 e.p., naphtha, tanks..gal. .05½- —
- 60-62, 400 e.p., strt. run, tanks..gal. .06⅝- —

Gasoline, tankwagon and service station (Federal and State taxes included).

	T.W.	S.S.
Atlanta gal.	.205	.225
Boston gal.	.135	.155

Gasoline, tankwagon and service station (Cont.)

Chicago gal.	.152	.172
Cincinnati gal.	.175	.190
Denver gal.	.19	.21
Louisville gal.	.18	.20
Minneapolis gal.	.158	.178
New Orleans gal.	.19½	.23
New York gal.	.15	.182
San Francisco gal.	.17	.18

- Gelatin, silver, cs.....lb. .50 - .55
- Gelsemium root, bls.....lb. .12 - .13
- Gentian root, bls.....lb. .11½- .13
  - grd., bbls., bxs.....lb. .13 - .14
  - powd., bbls., bxs.....lb. .14 - .15
- Geraniol, cns. .....lb. .75 - 3.00
- Geranyl acetate, bots.....lb. 1.75 - 2.50
- Ginger root, Africa, bgs.....lb. .14 - .14½
  - Cochin, lemon, bgs.....lb. .18¾- .19¼
  - Jamaica, bold, bgs.....lb. .18½- .19
  - grinding, bright, bgs....lb. .13½- .14
  - medium, bold, bgs.....lb. .13⅜- .13⅝
  - Japanese, bgs.....lb. .16 - .16½
- Ginseng fibers, cs.....lb. 1.75 - 3.00
- Root, cultivated, cs.....lb. 2.00 - 4.00
- wild, Southern, cs.....lb. 6.00 - 7.00
- Glauber's salt, anhyd. (see Soda sulphate).
  - cryst., dom., bgs., 5 tons or over..100 lbs. .85 - —
  - smaller lots.....100 lbs. 1.00 - —
  - bbls., 5 tons or over..... 100 lbs. .95 - —
  - smaller lots.....100 lbs. 1.10 - —
  - import., bgs.....100 lbs. 1.05 - 1.35
- Glue, bone, calcimine type, 24 millipoise, 56 jelly-grams, bgs., c.l., dlvd..lb. .11 - —
  - l.c.l., dlvd.....lb. .11½- —
  - 28/58, bgs., c.l., dlvd.....lb. .11½- —
  - l.c.l., dlvd.....lb. .12 - —
  - 38/82, bgs., c.l., dlvd.....lb. .12½- —
  - l.c.l., dlvd.....lb. .13 - —
  - 48/108, bgs., c.l., dlvd....lb. .13 - —
  - l.c.l., dlvd.....lb. .13½- —
- Glue, Hide, calcimine type, 53 millipoise, 135 jelly grams, bgs, c.l., dlvd. East, Midwest..lb. .13½- —
  - l.c.l., same basis.....lb. .14 - —
- 60/164, bgs, c.l., same basis.lb. .15 - —
  - l.c.l., same basis.....lb. .15½- —
- 67/192, bgs, c.l., same basis.lb. .16 - —
  - l.c.l., same basis.....lb. .16½- —
- 75/222, bgs., c.l., same basis.lb. .17 - —
  - l.c.l., same basis.....lb. .18 - —
- 83/251, bgs., c.l., same basis.lb. .18 - —
  - l.c.l., same basis.....lb. .19 - —
- 92/283, bgs., c.l., same basis.lb. .19 - —
  - l.c.l., same basis.....lb. .20 - —
- 102/315, bgs., c.l., same basis lb. .19½- —
  - l.c.l., same basis.....lb. .20½- —
- 113/347, bgs., c.l., same basis lb. .20½- —
  - l.c.l., same basis.....lb. .21½- —
- 125/379, bgs., c.l., same basis lb. .21½- —
  - l.c.l., same basis.....lb. .22½- —

Glue prices for barrel packing, ½c. lb. higher; grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.

- Glycerin, C. P., cns., l.c.l.....lb. .21¼- .22¼
- dms., extra, c.l.....lb. .19½- —
  - l.c.l. .....lb. .20 - .21
- dynamite, dms., extra, c.l....lb. .19½- —
  - l.c.l. .....lb. .20 - .21
- saponification, basis 88%, dms. returnable, dlvd..lb. .16½- .17½
- soaplye, basis 50%, dms. returnable, dlvd..lb. .15 - .16
- yellow, distilled, dms. extra, c.l. lb. .19¾- —
  - l.c.l. .....lb. .19¾- —
- Glycol borborate, dms.....lb. .22 - —
- Phthalate, dms.....lb. .29 - —
- Stearate, dms.....lb. .23 - —

- Gold, U.S. purchase price.....oz. 35.00 - —
- Chloride, acid, brown, bots..oz. 21.75 - 22.00
- yellow, bots.....oz. 19.75 - 20.00
- Gold-soda chloride, photo., bots. oz. 13.00 - —
- USP IX, bots.....oz. 14.50 - 14.75
- Gold of pleasure seeds, bgs....lb. No stocks.
- Golden seal root, bls.....lb. 2.85 - 2.90
  - powd., bxs.....lb. 3.10 - 3.15
- Grains of paradise, bgs.....lb. .09 - .10
- Graphite, flake (cryst.), 90% 325 mesh, 80% graphitic carbon, bgs., c.l., works..lb. .06 - —
  - bbls., c.l., works.....lb. .06¼- —
  - l.c.l., works.....lb. .06½- —
  - powd., 90% 325 mesh, 65% graphitic carbon, bgs., c.l., works..lb. .02½- —
  - bbls., c.l., works.....lb. .02¾- —
  - l.c.l., works.....lb. .03¼- —
  - 80% graphitic carbon, bgs., c.l., works..lb. .03¼- —
  - bbls., c.l., works.....lb. .03¾- —
  - l.c.l., works.....lb. .04½- —
- Grease, house, trcs.....lb. .06¾- .06½
  - white, trcs.....lb. .06¾- .06¾
  - yellow, trcs.....lb. .06¼- .06¼
- Wool (see Adeps lanae and Degras)
- Green, chrome, C.P., dark, light, medium, blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .29 - —
  - 6-10%, bbls., same basis.lb. .31 - —
  - 11-15%, bbls., same basis.lb. .33 - —
  - 16-20%, bbls., same basis.lb. .33½- —
  - 21-25%, bbls., same basis.lb. .33 - —
  - 26-30%, bbls., same basis.lb. .33½- —
  - 31-35%, bbls., same basis.lb. .34½- —
  - 36-40%, bbls., same basis.lb. .36 - —
  - 41-45%, bbls., same basis.lb. .37½- —
  - 46-50%, bbls., same basis.lb. .39 - —
  - over 50%, bbls., same basis lb. .39 - —

Chrome and chrome oxide greens prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.); Miss., N. C., S. C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1½c. higher dlvd. Texas (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.

- reduced, C.P. color content up to 5%, bbls., same basis..lb. .05¾- —
  - 6-10%, bbls., same basis.lb. .06¼- —
  - 11-15%, bbls., same basis.lb. .07 - —
  - 14-18%, bbls., same basis.lb. .07¼- —
  - 17-19%, bbls., same basis.lb. .07½- —
  - 20-21%, bbls., same basis.lb. .07¾- —
  - 22-23%, bbls., same basis.lb. .08 - —
  - 24-26%, bbls., same basis.lb. .08¼- —
  - 26-27%, bbls., same basis.lb. .08½- —
  - 28-29%, bbls., same basis.lb. .09 - —
  - 30-31%, bbls., same basis.lb. .09¾- —
  - 32-33%, bbls., same basis.lb. .11 - —
  - 34-35%, bbls., same basis.lb. .13 - —
  - 36-40%, bbls., same basis.lb. .14 - —
  - 41-45%, bbls., same basis.lb. .16 - —
  - 46-50%, bbls., same basis.lb. .16½- —
  - 51-55%, bbls., same basis.lb. .17 - —
  - 56-60%, bbls., same basis.lb. .17½- —
  - 61-65%, bbls., same basis.lb. .18 - —
  - 66-70%, bbls., same basis.lb. .19 - —
  - 71-75%, bbls., same basis.lb. .20 - —
- chrome oxide, dom., pure, bbls., contract for open order, c.l., same basis as chrome CP.....lb. .18½- —
  - l.c.l. same basis.....lb. .19½- .21½
- ceramic, light shades bbls c.l., works..lb. .28 - —
  - l.c.l., works.....lb. .30 - —
- standard grade bbls works..lb. .18 - .20
- import, bbls., kgs., f.o.b. N.Y..lb. .21 Nom.
- Paris (see P)
- Verdigris (see V)

Green dyes are listed under Dyes.

- Grindelia robusta, bls.....lb. .08½- .10
- Guaiac resin, cs.....lb. .35 - .40
  - strained, cs.....lb. .90 - 1.00
  - Wood, bls.....lb. .04 - .05
- Guaiacol, liq., djne.....lb. 1.05 - 1.92
  - Carbonate, bxs., kgs.....lb. 2.15 - 2.40
- Guarana, powd., cs.....lb. .65 - .70
- Gum, aloe (see A)
  - Ammoniac, tears, cs.....lb. .90 - .95
  - Arabic, amber sorts, cleaned, bgs..lb. .09¾- .10
  - white, sorts, 1, bgs.....lb. .27 - .28
  - 2, bgs.....lb. .25 - .26
  - powd., bbls.....lb. .13 - .14
- Asafetida (see A)
- Asphaltum (see A)
  - Benzoin, Siam, cs.....lb. 1.05 - 1.55
  - Sumatra, cs. .....lb. .16 - .17
- Camphor (see C)
  - Chicle, bgs.....lb. .35 - .40
  - Copal, Congo 1, water white, transparent, bgs., c.l., ex dock or ex whse, N.Y. or San Fran....lb. .42¾- —

Copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c. higher for 1-9 bgs.

- 2, cloudy white, bgs., c.l. same basis..lb. .26 - —
- 3, selected pale straw bold, bgs., c.l. same basis..lb. .18½- —
- 4, pale bold straw, bgs., c.l., same basis..lb. .16½- —
- 5, pale straw bold, bgs., c.l., same basis..lb. .13½- —
- 6, pale amber bold, bgs., c.l., same basis..lb. .12¼- —
- 7, pale straw bold, bgs., c.l., same basis..lb. .13⅜- —
- 8, light amber bold, bgs., c.l., same basis..lb. .10¼- —
- 9, medium light amber bold, bgs., c.l., same basis..lb. .07⅜- —
- 10, rescraped hard amber bold, bgs., c.l., same basis lb. .09¼- —
- 11, hard dark amber bold, bgs., c.l., same basis..lb. .06⅜- —
- 12, selected bold sorts, bgs., c.l., same basis..lb. .05⅞- —
- 13, dark sorts bold, bgs., c.l., same basis..lb. .05¼- —
- 14, selected, fully scraped ivory, bgs., c.l., same basis..lb. .17½- —
- 15, ordinary ivory sorts, bgs., c.l., same basis..lb. .06¼- —
- 16, inferior ivory sorts, bgs., c.l., same basis..lb. .05¼- —
- 17, pale fingers, bgs., c.l., same basis..lb. .15⅝- —
- 18, pale straw nubs, bgs., c.l., same basis..lb. .11 - —
- 19, pale straw nubs, bgs., c.l., same basis..lb. .10 - —
- 20, hard dark amber nubs, bgs., c.l., same basis..lb. .06⅜- —
- 21, ordinary selected nubs, c.l., same basis..lb. .06 - —
- 22, small mixed nubs, bgs., c.l., same basis..lb. .05½- —
- 23, dark mixed nubs, bgs., c.l., same basis..lb. .05⅝- —

"The Spirit of the Nation"

How Far Did Paul Revere Ride?

"IT WAS two by the clock when he came to the bridge in Concord town."

So runs the Longfellow poem about Paul Revere.

But *did* Paul Revere ever reach Concord on that fateful night of April 17, 1775, when he was off like a shot on his eager steed to call the patriots to arms—to spread the alarm "through every Middlesex village and farm"?

It seems to have been true enough that he stood on Charlestown shore, awaiting a signal from the belfry of North Church tower to tell him of the movements of the British.

But the poet's account of Revere's ride does not quite check with documented historical records. The truth appears to be that Paul did not reach Concord at all. Around midnight, he gave his message of warning to Samuel Adams and John Hancock—two great old boys—at Lexington where they had fled to avoid arrest. At Lexington, Paul was joined by William Dawes and Dr. Prescott who were on a similar errand, to spread the alarm. These three set out together for Concord. But they had gone only a short distance when Revere was captured by British scouts and taken back to Lexington a prisoner. The other two contrived to escape and got to Concord where they told the exciting news.

But Paul Revere had the right idea. It wasn't his fault that he failed to reach Concord that night. He represented the spirit of the nation.

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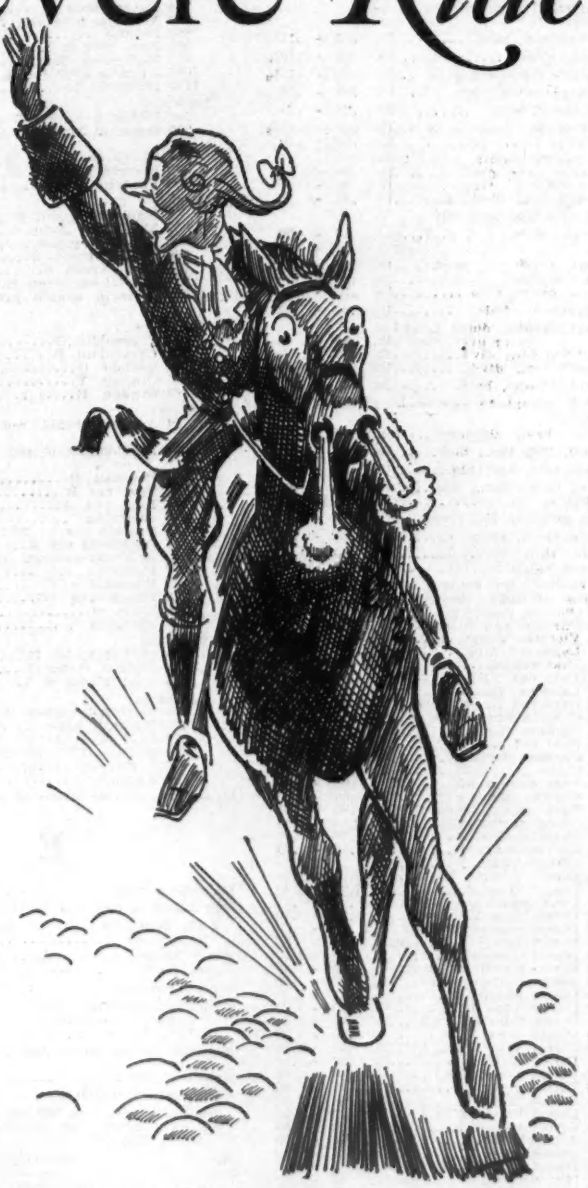

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FINE ROSSVILLE ALCOHOLS • "THE SPIRIT OF THE NATION"
BRANCH OFFICES AND WAREHOUSES IN ALL PRINCIPAL CITIES

Gum, copal, Congo, 24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .12½- —
25, No. 2 natural ivory nubs, bgs., c.l., same basis..lb. .05½- —
26, pale bold chips, bgs., c.l., same basis..lb. .05¾- —
27, pale small chips, bgs., c.l., same basis..lb. .05½- —
28, pale dust, bgs., c.l., bgs., same basis..lb. .04½- —
East India, Batu, bold scraped, bgs., c.l., same basis....lb. .06½- —
unscraped, bgs.,c.l., same basis..lb. .04 - —
chips, bgs., c.l., same basis lb. .05½- —
dust,bgs.,c.l.,same basis lb. .03½- —
nubs and chips, bgs., c.l., same basis..lb. .03½- —
black, bold, scraped, bgs., c.l., same basis..lb. .06½- —
unscraped, bgs., c.l., same basis..lb. .04 - —
nubs and chips, bgs., c.l., same basis..lb. .04½- —
Hiree Macassar, pale, bold bgs, c.l., same basis.lb. .12½- —
chips, bgs., c.l., same basis..lb. .05½- —
dust, bgs.,c.l.,same basis lb. .03½- —
nubs, bgs., c.l., same basis..lb. .11½- —
Singapore Rasak, bold, bgs., c.l., same basis..lb. .15½- —
chips, bgs., c.l., same basis lb. .04½- —
dust,bgs.,c.l.,same basis.lb. .03½- —
nubs,bgs.,c.l.,same basis.lb. .10 - —
Manila, Bocas, amber and dark, bskts., c.l., same basis..lb. .14 - —
light, bskts., c.l., same basis..lb. .18½- —
Iloa A, bskts., c.l., same basis..lb. .10¾- —
B,bskts.,c.l.,same basis.lb. .09½- —
C,bskts.,c.l.,same basis.lb. .09½- —
CNE, bskts., c.l., same basis..lb. .07½- —
D,bskts.,c.l., same basis.lb. .09½- —
DK, bskts., c.l., same basis lb. .07½- —
DU, bskts., c.l., same basis lb. .06½- —
dust,bskts.,c.l.,same basis. lb. .05½- —
Sambas and white split chips, bskts., c.l., same basis..lb. .12½- —
Singapore, dust, bskts., c.l., same basis..lb. .05½- —
spirit-soluble, CBE, bskts., c.l., same basis..lb. .06 - —
DBB,bskts., c.l.,same basis lb. .06 - —
MA,bskts., c.l.,same basis. lb. .06¾- —
MB,bskts.,c.l.,same basis.. lb. .06¼- —
WS,bskts., c.l.,same basis. lb. .06½- —
Philippine Manila amber sorts, bskts., c.l., same basis..lb. .07½- —
chips, pale, bskts., c.l., same basis..lb. .03½- —
small, bskts., c.l., same basis..lb. .07½- —
extra pale sorts, bskts., c.l., same basis..lb. .09½- —
nubs,bskts.,c.l.,same basis.. lb. .10¾- —
pale, scraped, bskts., c.l., same basis..lb. .11¾- —
seeds and dust, bskts., c.l., same basis..lb. .05½- —
Pontianak, bold, genuine, bgs., c.l., same basis..lb. .14½- —
mixed, bgs.,c.l.,same basis lb. .13½- —
chips,bgs.,c.l.,same basis..lb. .07½- —
nubs,bgs.,c.l.,same basis..lb. .10¼- —
split,bgs.,c.l.,same basis..lb. .12½- —
Dammar, Batavia A, cs., c.l., same basis as copal..lb. .21½- —
A/D, cs., c.l., same basis.lb. .16½- —
A/E, cs., c.l., same basis.lb. .12½- —
B, cs., c.l., same basis...lb. .20½- —
C, cs., c.l., same basis...lb. .16½- —
D, cs., c.l., same basis...lb. .14¼- —
dust, cs., c.l., same basis.lb. .05½- —
E, cs., c.l., same basis...lb. .09½- —
F, cs., c.l., same basis...lb. .09½- —
Singapore, 1, cs, c.l., same basis..lb. .16¼- —
2, cs., c.l., same basis...lb. .13¾- —
3, cs., c.l., same basis...lb. .05¼- —
chips, cs.,c.l., same basis.lb. .09½- —
dust, cs., c.l., same basis.lb. .04½- —
seeds, cs., c.l., same basis.lb. .07½- —
Elemi, cns., c.l., same basis as copal..lb. .09¾- —
Ester, dms., c.l. (36,000 lbs)., dlvd..lb. .07¾- —
l.c.l., lots of 10 over, dlvd.lb. .08 - —
smaller lots, dlvd.....lb. .08¼- —
Euphorbium, cs. .....lb. .17 - .19
Galbanum, cs.....lb. .95 - 1.00
Gamboge, pipe, cs.....lb. .58 - .59
powd., bbls. .....lb. .65 - .66
Ghatti, soluble, bgs.....lb. .11 - .15
superior bgs. .....lb. .09 - .11
Guaiac (see Guaiac resin).
Karaye XXX, bbls., bxs., dms. lb. .24 - .25
XX, bbls., bxs., dms.....lb. .16 - .17
1, bbls., bxs., dms.....lb. .09½- .10
2, bbls., bxs., dms.....lb. .08½- .09
Kauri brown, XXX, cs., c.l., same basis as copal..lb. .60 - —
BX, cs., c.l., same basis..lb. .33 - —
B1, cs., c.l., same basis..lb. .21 - —
B2, cs., c.l., same basis..lb. .15½- —
B3, cs., c.l., same basis..lb. .12 - —
80% chips, cs., c.l., same basis..lb. .09½- —
pale, XXX, cs., c.l., same basis..lb. .65 - —
1, cs., c.l., same basis..lb. .40 - —
2, c.s., c.l., same basis..lb. .22 - —
3, c.s., c.l., same basis..lb. .15 - —
Kino, tins .....lb. .70 - .80
Mastic, c.s., c.l., same basis as copal..lb. .57 - .58
Myrrh, USP, cs.....lb. .35 - .40
Olibanum, siftings, cs.....lb. .07 - .09
tears, cs. .....lb. .12 - .28
Opium (see O)
Rosin (see R)
Sandarac, cks, c.l., same basis as copal..lb. .35 - .38
Scammony, cs.....lb. 1.10 - 1.15
Senegal, picked, bgs.....lb. .20 - .21
sorts, bgs. .....lb. .09¾- .10¼
Talha, bgs. .....lb. .05 - .06
Thus, bbls. .....280 lbs.11.50 Nom.
strained, bbls. .....280 lbs.11.50 Nom.
Tragacanth, Aleppo, 1, cs....lb. 1.75 - 1.80
2, cs.....lb. 1.65 - 1.70
3, cs.....lb. 1.50 - 1.55
4, cs.....lb. 1.40 - 1.45
5, cs.....lb. 1.30 - 1.35
6, bgs.....lb. .80 - .81
Yacca, bgs., c.l., same basis as copal..lb. .03½- —
powd., bgs., c.l., same basis,lb. .04½- —

Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.21.15 - —
Medicine Lodge, Kans., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.27.15 - —
Southard, Okla., frt. equald..ton.17.00 - —
Sweetwater, Tex., frt. equald..ton.21.15 - —
plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equaled..ton.12.50 - —
Blue Rapids, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.15.70 - —
Southard, Okla., frt. equald..ton.12.50 - —
Sweetwater, Tex., frt. equald..ton.12.50 - —
f.o.b. Acme, Tex.; Blue Rapids, Kans., Fort Dodge, Ia.; Grand Rapids Mich.; Gypsum, O.; New Brighton, N.Y.; Oakfield, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald. ton. 8.00 - —
Terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y., Southard, Okla., frt. equald..ton.12.00 - —
import., bgs., ex dock....ton.27.50 - —

H

Heliotropin, cryst., cns.....lb. 2.00 - 2.30
Hellebore, white, root, powd., bbls.lb. .10½- .11
Helonias root, bls.....lb. .37 - .38
Hematine crystals, bbls.....lb. .16 - .24
Hemlock extract, 25% tan., bbls.lb. .03½- —
tanks .....lb. .02¾- —
Hempseed, Manchur, bgs.....lb. .03¾- .04¼
Henbane leaves, bls.....lb. .21 - .22
Henna leaves, bls.....lb. .07 - .08
powd., bbls., bxs.....lb. .09 - .10
Heptane, mixed, 77-115°C., dms., c.l., Group 3..al. .12 - —
l.c.l., Group 3.....gal. .16 - —
tanks, Group 3.....gal. .09½- —
normal, 86-100°C., dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
Hexalin, dms. .....lb. .50 - —
Hexane, normal, 60-70° C., dms., c.l., Group 3..gal. .15 - —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....gal. .25 - —
Hexamethylenetetramine, tech., dms..lb. .35 - .37
USP, dms., 1,000 lbs.....lb. .45 - .47
Hexyl acetate, dms., c.l., f.o.b. dest..lb. .125 - —
l.c.l., f.o.b. dest.....lb. .13 - —
tanks, f.o.b. dest.....lb. .115 - —
Homatropine hydrobromide, bots., vls..oz.13.00 -13.50
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago, unit-ton. 2.75 - 2.80
Hops, dom., 1935 crop, bls....lb. .35 - .40
import., 1935 crop, bls.....lb. .65 - .85
Horehound, bls. .....lb. .06½- .07
Hydrangea root, bls.....lb. .08 - .09
Hydrastine, vls.....oz.17.00 -17.25
Hydrochloride, vls.....oz.17.00 -17.25
Sulphate, vls.....oz.19.00 -19.25
Hydrastis (see Golden seal).
Hydrogen, peroxide, USP, bbls.lb. .03¾- .04
100 vols., cbys., E.of Miss.R.lb. .20 - —
W. of Miss. R.....lb. .21 - —
Hydroquinone, bbls., kgs.....lb. 1.10 - 1.15
Hyoscine hydrobromide, vls...oz.18.00 -18.25
Hyoscyamine, vls. .....oz.15.00 - —
Hydrobromide, vls. .....oz.15.00 - —
Sulphate, vls. .....oz.15.00 - —
Hypernic, liq., 51°, bbls.....lb. .15 - .20
solid, bxs. .....lb. .17 - .20

I

Iceland moss, bls.....lb. .12 - .13
Ichthyol, bots.....lb. 4.00 - 4.25
Indian red (see Red, Indian).
Indigo, nat., Bengal, bbls.....lb. 2.40 - —
synth., liq., bbls.....lb. .13 - .14
powd., bbls.....lb. 1.00 - —
Indol, CP, bots.....lb.24.00 -30.00
Insect flowers (see Pyrethrum).
Iodine, crude, kgs.....lb. .90 - —
resubl., kgs.....lb. 1.50 - 1.55
tincture, bbls.....gal. 1.90 - —
Iodoform, kgs., 100 lbs.....lb. 2.75 - 3.00
Ionone, bots.....lb. 3.25 - 4.00
Ipecac root, bgs.....lb. .80 - .81
powd., bxs.....lb. .87 - .90
Irish moss, ordinary, bls.....lb. .11 - .12
powd., 80-90 mesh, bbls...lb. .23 - .30
prime, bleached, bls.....lb. .18 - .19
Iron acetate, CP, 17% solut.,bbls. lb. .08 - .84
Chloride, tech., cryst., bbls., kgs..lb. .05 - .08
USP, cryst., bbls.....lb. .07½- .08
solut., cbys.....lb. .06¼- .06½
Citrate, USP VIII, pearls, cns., lb. .72 - —
powd., cns.....lb. .84 - —
scales, cns.....lb. .77 - —
Hypophosphite, cns.....lb. 1.55 - 1.60
Iodide, bots.....lb. 2.85 - 2.90
syrup, djns.....lb. .87 - .93
Nitrate, coml., kgs.....lb. .02¾- .03
Oxalate, powd., kgs.....lb. .27 - .30
scales, cns.....lb. .23 - .26
Oxide (see Black, Red, etc.).
Phosphate, ferric, pearls,cns.lb. .54 - —
scales, cns.....lb. .53 - —
Ferrous, cns.....lb. .35 - —
Pyrophosphate, pearls, cns...lb. .50 - —
scales, cns.....lb. .52 - —
Reduced, 99%, cs.....lb. .90 - .95
Sulphate, tech. (see Copperas).
USP, cryst., bbls.....lb. .04½- .04¾
Iron-ammonia citrate, brown, gran., cns..lb. .27 - .33
pearls, cns.....lb. .27 - .33
scales, cns.....lb. .27 - .33
green, gran., cns.....lb. .27 - .33
pearls, cns.....lb. .27 - .33
scales, cns.....lb. .27 - .33
Oxalate, cryst., bbls., kgs...lb. .34½- .35½
Iron-potash oxalate, cryst., bbls., kgs..lb. .42 - .43
Iron-soda oxalate, cryst., bbls., kgs..lb. .34½- .35½
Isobutyl carbinol (see Carbinol).
Isopentane, dms., works.....lb. .42 - —
small lots, works.....lb. .50 - —
Isopropanol, see Alcohol, isopropyl.

Isopropyl acetate, dms., cl., frt. alld..lb. .07½- —
l.c.l., frt. alld.....lb. .08 - —
tanks, frt. alld.....lb. .06½- —
Alcohol (see Alcohol).
Ether, dms., c.l.....lb. .07 - —
l.c.l.....lb. .08 - —
tanks .....lb. .06 - —

J

Jaborandi leaves, bls.....lb. .10 - .11
Jalap root, NF, bls.....lb. .15 - .23
powd., bbls., bxs.....lb. .20 - .22
Juniper berries, bgs.....lb. .04¾- .05¼

K

Kamala, tins.....lb. .40 - .41
Kava kava root, bls.....lb. .14 - .16
Kerosene, at refinery:—
Bayonne,41-43 w.w.,tanks,gal. .04½- —
Gulf ports,p.w.,bulk,export.gal. .03½- —
w.w., bulk, export.....gal. .04½- .04¼
Louisiana - Arkansas, 41-43 w.w., bulk..gal. .03¾- —
Oklahoma-Texas, 41-43 w.w., tanks..gal. .03¼- .03⅜
42-44 w.w., tanks.....gal. .03½- .03⅝
Pennsylvania, 45 w.w., tanks. gal. .04¾- .04⅞
46 w.w., tanks.....gal. .04¾- .05
47 w.w., tanks.....gal. .05 - .05¼
Kerosene, tankwagon:—
Atlanta .....gal. .125 - —
Boston .....gal. .066 - —
Chicago .....gal. .098 - —
Cincinnati .....gal. .125 - —
Denver .....gal. .11 - —
Louisville .....gal. .10 - —
Minneapolis .....gal. .093 - —
New Orleans.....gal. .12 - —
New York.....gal. .07¼- —
San Francisco.....gal. .116 - —
Kerosene distillate (see Oil, furnace).
Kieserite, calc., 26-26% $MgSO_4$, bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No prices
Kola nuts, bgs.....lb. .06 - .06¼

L

Lady slipper root, bls.....lb. .35 - .36
Lanolin (see Adeps lanae).
Lard, city, tubs.....100 lbs.11.75 -12.00
Middlewestern, trcs....100 lbs.11.60 -11.70
Western, choice, trcs..100 lbs.11.70 -11.80
Compound, trcs.....100 lbs.12.00 -12.25
Neutral, trcs.....100 lbs.12.75 -13.00
Larkspur seed, bgs.....lb. .25 - .26
Laurel berries, bls.....lb. .09 - .10
Leaves, Ital., bls.....lb. .35 - .06¼
Lavender flowers, ordinary, bls.lb. .40 - .42
select, bls. .....lb. .65 - .85
Lead acetate,brown,broken,bbls.lb. .09½- —
white, broken, bbls.....lb. .11 - —
cryst., bbls.....lb. .10½- —
gran., bbls.....lb. .11 - —
powd., bbls.....lb. .11½- —
Arsenate, dms., c.l., dealers, E. of Rockies..lb. .09½- —
jobbers, E. of Rockies..lb. .09 - —
W. of Rockies.....lb. .09 - —
l.c.l., consumers, W. of Rockies..lb. .10¾- —
dealers, E of Rockies, 1,000 lbs. or over..lb. .09¾- —
101-999 lbs.....lb. .10¾- —
100 lbs. or less.....lb. .11¾- —
W. of Rockies.....lb. .09¾- —
jobbers, E. of Rockies..lb. .09¾- —
Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 95 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.
Blue, basic sulphate, bbls., c.l., dlvd., E..lb. .06 - —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .06½- —
l.c.l., dlvd. E.....lb. .06¾- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .06½- —
Carbonate (see Lead, white).
Chloride, pure, bxs.....lb. .49 - .50
Iodide, jars.....lb. 2.35 - 2.40
Linoleate, pale, precip., dms.lb. .18 - —
Metal (see daily quotations in market report)
Nitrate, bbls.....lb. .09 - .09½
Oleate, bbls.....lb. .15 - —
Peroxide, cns., works.....lb. .46 - .47
Red, dry, 95% or less Pb_3O_4, bbls, c.l (20 tons), dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .0755- —
other points.....lb. .0730- —
l.c.l., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash., lb. .08 - —
dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .08½- —
Colo., Mont., N. Mex., Wyo.....lb. .08¼- —
other points.....lb. .07¾- —
smaller lots, dlvd. Ala., etc..lb. .08½- —
Ariz., etc.....lb. .09 - —
Colo., etc.....lb. .08¾- —
other points.....lb. .08¼- —
97% Pb_3O_4, bbls., c.l. (20 tons) dlvd., Ala., etc..lb. .0780- —
other points.....lb. .0755- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .06¼- —
Ariz., etc.....lb. .06¾- —
Colo., etc.....lb. .06½- —
other points.....lb. .08 - —
smaller lots, dlvd. Ala., etc..lb. .08¾- —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09 - —
other points.....lb. .08½- —
98% Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., etc..lb. .0805- —
other points.....lb. .0780- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .08¼- —
Ariz., etc.....lb. .09 - —
Colo., etc.....lb. .08¾- —
other points.....lb. .08¼- —
smaller lots, dlvd. Ala., etc..lb. .09 - —
Ariz., etc.....lb. .09½- —
Colo., etc.....lb. .09¼- —
other points.....lb. .08¾- —

Gum, Copal—Linden Flowers

Lead, red, in oil, steel kegs, 1,000 lbs..lb. .10½- —
500 lbs.....lb. .11 - —
smaller lots.....lb. .12 - —
Resinate, fused, bbls.....lb. .09 - .10
precip., bbls.....lb. .14 - —
Stearate, bbls.....lb. .22 - .23
Sulphate (see Lead, white)
Titanate, bbls., c.l., f.o.b. works, frt. alld..lb. .10 - —
l.c.l., 5 tons, one delvy, dlvd. lb. .10¼- —
smaller lots.....lb. .10½- —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .06¾- —
other points.....lb. .06¼- —
l.c.l. dlvd. Ariz., etc..lb. .07 - —
other points.....lb. .06¾- —
Basic sulphate, bbls., c.l., dlvd. Ariz., etc..lb. .06¼- —
other points.....lb. .06 - —
l.c.l. dlvd. Ariz., etc.lb. .06½- —
other points.....lb. .06¾- —
in oil, 100-lb. kgs., 1,000 lbs., dlvd..lb. .12 - —
500 lbs., dlvd.....lb. .12½- —
smaller lots, dlvd.....lb. .13½- —
Lemon peel, bls.....lb. .09 - .10
Licorice extract, mass, cs.....lb. .17 - .18
powd., bbls.....lb. .27 - .28
Root, bls.....lb. .04½- .05
powd., bbls., bxs.....lb. .07 - .08
select, bndls., cs.....lb. .30 - .31
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Bellefonte, Pa.....ton. 7.00 - —
Berkeley, W. Va.....ton. 7.00 - —
California, northern..ton.12.75 - —
southern .....ton.11.25 - —
Cedar Hollow, Pa.....ton. 8.00 - —
Chicago .....ton. 7.25 - —
Crab Orchard, Tenn..ton. 6.25 - —
Dallas, Texas.....ton. 8.50 - —
Durbin, Ohio.....ton. 6.50 - —
Eagle Mountain, Va.ton. 6.25 - —
Easton, La.....ton. 7.00 - —
Farnams, Mass.....ton. 7.50 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 7.00 - —
Knoxville, Tenn.....ton. 6.25 - —
Leroy, Minn.....ton. 8.00 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 7.00 - —
Marble Cliff, Ohio...ton. 6.50 - —
Marblehead, Ohio....ton. 7.00 - —
Martinsburg, W. Va..ton. 7.50 - —
Menominee, Mich....ton. 7.50 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Petosky, Mich.....ton. 8.00 - —
Port Island, Mich...ton. 7.50 - —
Ripplemead, Va.....ton. 6.25 - —
Riverton, Va.....ton. 6.25 - —
Scioto, Ohio.....ton. 6.00 - —
Sherwood, Wis.....ton. 7.00 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
hydrated, paper bags, f.o.b. Bellefonte, Pa..ton. 8.50 - —
Berkeley, W. Va.....ton. 8.50 - —
Buffalo .....ton.11.00 - —
California, northern..ton.14.75 - —
southern .....ton.13.75 - —
Cedar Hollow, Pa....ton. 9.50 - —
Chicago .....ton. 9.50 - —
Crab Orchard, Tenn..ton. 9.00 - —
Dallas, Tex.....ton.12.00 - —
Durbin, Ohio.....ton. 9.00 - —
Eagle Mountain, Va..ton. 9.50 - —
Easton, La.....ton. 9.00 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio....ton. 9.50 - —
Hannibal, Mo.....ton. 9.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton.14.00 - —
Marble Cliff, Ohio...ton. 9.00 - —
Marblehead, Ohio....ton. 9.00 - —
Martinsburg, W. Va..ton. 9.50 - —
Militown, Ind.....ton.12.50 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Pelham, Ala.....ton. 9.00 - —
Petosky, Mich.....ton. 9.00 - —
Port Island, Mich...ton. 9.00 - —
Rapid City, S. D....ton.12.00 - —
Ripplemead, Va.....ton. 9.00 - —
Riverton, Va.....ton. 9.00 - —
Scioto, Ohio.....ton. 9.00 - —
Sherwood, Wis.....ton. 9.00 - —
Siluria, Ala.....ton. 9.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton. 9.00 - —
Salts (see Calcium)
Lime-sulphur, dry, bgs.,consumer, dlvd. Ore..lb. .06¼- .06½
Idaho, Utah, and W. Mont..lb. .07¼- .07½
Wash. (excepting Ferry, Lincoln, Pend-Oreille, Spokane, Stevens, and Whitesman counties).. lb. .06½- .06¾
dealers,dlvd.E. of Rockies, except Fla..lb. .07¾- .08½
Ore. .....lb. .06¾- —
Idaho, etc.....lb. .06¾- —
Wash. (as above)...lb. .06 - —
jobbers, dlvd. E. of Rockies, except Fla..lb. .07¼- .08¼
Ore. .....lb. .06¾- —
Idaho, etc.....lb. .06¾- —
Wash. (as above)...lb. .06¼- —
dms., dealers, dlvd. E. of Rockies, except Fla..lb. .11 - .12
Fla. .....100 lbs. 1.00 - 1.05
jobbers,dlvd.E. of Rockies, except Fla..lb. .12½- —
solution, dms., dealers, dlvd. Del., Ill., Ind., Ia., Ky., Md., Mich., Minn., Mo., N.E. States, N. J., N. Y., N. C. (Alleghany, Ashe, Rockingham, Stokes and Surry counties), Ohio, Pa., Tenn. (W. of Tenn. R.), Va., W. Va., Wis..gal. .12 - .16
jobbers, same basis...gal. .13½- .16
tanks, 4,000 gals. min., dealers, dlvd. Del., etc..gal. .11 - —
jobbers, same basis...gal. .14½- —
Linalool, cns.....lb. 1.90 - 2.10
Linalyl acetate, bots.....lb. 1.50 - 2.25
Linden flowers, with leaves, bls.lb. .15 - .16
without leaves, bls.....lb. .17 - .18

Linseed Cake—Methanol

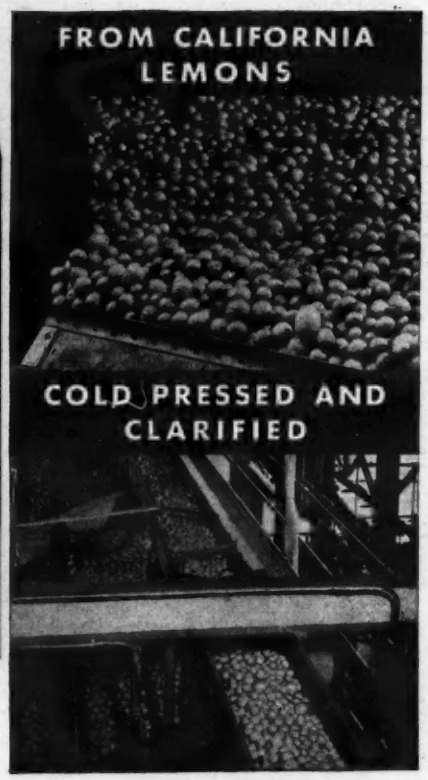
Linseed cake, bgs., export....ton 29.00 - —
Meal, 32%, dom., bgs.....ton 30.50 - —
Litharge, com'l, powd., bbls., 20-ton dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore. and Wash..lb. .0655 - —
other points.....lb. .0630 - —
5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .07 - —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.lb. .07½ - —
Colo., Mont., N. Mex., Wyo..lb. .07¼ - —
other points.....lb. .06¾ - —
smaller lots, dlvd., Ala., etc..lb. .07½ - —
Ariz., etc.....lb. .08 - —
Colo., etc.....lb. .07¾ - —
other points.....lb. .07¼ - —
Lithium bromide, jars.....lb. 1.70 - 1.90
Carbonate, bbls.....lb. 1.35 - 1.80
Chloride, bbls.....lb. 1.65 - 2.00
Citrate, bbls.....lb. 1.40 - 1.80
Iodide, bots., jars.....lb. 4.70 - 4.75
Fluoride, bbls.....lb. 2.00 - 2.50
Lithopone, dom., high-strength, bgs., 5 tons, dlvd. E. or ex whse. Pac. Cst.....lb. .06 - —
smaller lots, same basis.lb. .06½ - —
bbls., 5 tons, same basis.lb. .06½ - —
smaller lots, same basis.lb. .06½ - —
Lithopone, dom., ordinary, bgs., 5 tons, same basis..lb. .04½ - —
smaller lots, same basis.lb. .04¾ - —
bbls., 5 tons, same basis.lb. .04¾ - —
smaller lots, same basis.lb. .05 - —
titanated, bgs., 5 tons, same basis..lb. .06 - —
smaller lots, same basis.lb. .06¼ - —
bbls., 5 tons, same basis..lb. .06¼ - —
smaller lots, same basis.lb. .06½ - —
Import., bbls., ex dock.....lb. No prices
Liverwort leaves, bls.....lb. .18 - .19
Lobelia herb, bls.....lb. .13 - .15
Seed, bgs.....lb. .35 - .38
Logwood extract, cryst., bbls.lb. .16 - .20
liquid, 51°, bbls.....lb. .06½ - .10½
solid, bxs.....lb. .13½ - .17½
Sticks, Haitian, shipt.....ton 34.00 - 36.00
Lovage root, dom., bls.....lb. .25 - .65
Import, bls.....lb. .20 - .23
Lupulin, N.F., tins.....lbs. 1.50 - 1.55
Lycopodium, cs.....lb. 1.00 - 1.10

M

Mace, Banda, cs.....lb. .62 - .64
Batavia, cs.....lb. .48 - .49
Slauw 1, cs.....lb. .54 - .55
Madder, Dutch, bgs.....lb. .22 - .25
Magnesia arsenate, bgs.....lb. .18 - .20
Calcined, dom., -four-hour, including activator, ctns., 10,000 lbs. or over, f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila..lb. .27 - —
1,000-10,000 lbs., same basis..lb. .28½ - —
less than 1,000 lbs., same basis..lb. .30 - —
Magnesia, calcined, dom., tech., heavy, bbls., f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila..lb. .28 - —
1-lb. pkgs., same basis.lb. .38 - —
light, bbls., same basis.lb. .23 - —
1-lb. tins, same basis.lb. .33 - —
USP, heavy, bbls., same basis..lb. .30 - —
1-lb. pkgs., same basis.lb. .40 - —
special, bbls., same basis, lb. .27 - —
super light, bbls., same basis..lb. .30 - —
import., heavy, pharm., bbls. lb. .50 - —
light, extra, bbls.....lb. .36 - .40
standard, bbls.....lb. .30 - —
Carbonate, tech., bgs., c.l., works..lb. .06 - .06½
USP, bbls., c.l.....lb. .08½ - .09
Chloride, flake, dom., bbls., works..ton. 36.00 - 39.00
Hypophosphite, cns.....lb. 1.45 - 1.50
Oxide (see Calcined)
Palmitate, bbls.....lb. .33 Nom.
Peroxide, 15%, dms., works.lb. 1.00 - 1.95
Silicate (see Talc)
Silicofluoride, bbls.....lb. .09½ - .10½
Stearate, bbls., ctns., c.l.....lb. .21 - —
1 ton.....lb. .22 - —
1,000-2,000 lbs.....lb. .23 - —
smaller lots.....lb. .24 - —
Sulphate (see Epsom salt)
Magnesite, cal., import., bbls.ton. 60.00 - 65.00
dead-burned, dom., bulk, c.l., f.o.b. Chewehah, Wash...ton. 22.00 - —
Malva flowers, black, bls.....lb. .40 - .42
Blue, bls.....lb. .45 - .50
Leaves, bls.....lb. .11 - .12
Manaca root, bls.....lb. .20 - .21
Mandrake root, bls.....lb. .09½ - .10
Manganese acetate, dms.....lb. .25½ - .26½
Arsenate, bgs.....lb. .12 - .12½
Borate, tech., bbls.....lb. .15 - .16
Chloride, bbls.....lb. .07½ - .08
Dioxide, Caucasian, 85-90%, cake, c.l., works..ton. 51.50 - —
l.c.l., 5 tons, works..ton. 54.50 - —
smaller lots, works..ton. 59.50 - —
burlap bgs., c.l., works..ton. 49.50 - —
l.c.l., 5 tons, works..ton. 52.50 - —
smaller lots, works..ton. 57.50 - —
paper bgs., c.l., works..ton. 47.50 - —
l.c.l., 5 tons, works..ton. 50.50 - —
smaller lots, works..ton. 55.50 - —
Glycerophosphate, bbls., cans., 100 lbs..lb. 2.60 - 2.65
Hydrate, bbls., dlvd.....lb. .80 - —
Iodide, bots., jars.....lb. 5.10 - 5.15
Linoleate, liquid, 4%, dms...lb. .18 - .19½
solid, precip., 8.2%, bbls...lb. .17½ - .19
Ore, 52% basis, bbls., c.l.f. Atl. pts..unit-ton. .26 - .27
Resinate, fused, 3½%, bbls..lb. .08½ - .08½
precip., dms.....lb. .12 - —
Sulphate, anhyd., bbls., works.lb. .07 - .07½
cryst., 65% $MnSO_4$, bgs., c.l., dlvd. South.....ton. 48.75 - —
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory unit-ton. .75 - —
l.c.l., 5 tons, works...lb. .03½ - —
smaller lots, works...lb. .04 - —
Mangrove bark, bgs., shipmt., ton. 25.50 - 26.00
Extract, 55%, bgs.....lb. .04 - —
Manna, flake, large, cs.....lb. .45 - .48
small, cs.....lb. .26 - .27
Mannitol, pure, cryst., cs., works lb. 1.48 - —
Marble flour, bgs.....ton. 12.00 - 14.00
Marjoram, French, bbls.....lb. .18 - .18½
Tunisan, bls.....lb. .17½ - .18
Matico leaves, bls.....lb. .28 - .29
Menthol, cs.....lb. 2.90 - 3.05
synthetic, cs.....lb. 2.25 - 2.50
Menthyl salicylate, tins, 100 lb. lots..lb. 3.00 - —
25 lb., lots.....lb. 3.10 - —
Mercurial ointment, 30%, cns...lb. .82 - —
50%, cns.....lb. 1.19 - —
Mercury (see Quicksilver)
Bichloride (see Corrosive sublimate)
Bisulphate, kgs.....lb. 1.33 - —
Chloride (see Calomel)
Iodide, red, kgs., jars.....lb. 3.55 - 3.60
Yellow, kgs, jars.....lb. 3.65 - 3.70
Nitrate ointment (see Citrine ointment)
Oxide, black, dms., kgs.....lb. 3.85 - —
Red, N.F. (see Red precipitate)
tech. (see Red, mercury oxide)
Yellow, dom., tech., bbl....lb. 1.39 - —
USP, dms., kgs.....lb. 1.61 - —
Mercury and chalk, kgs.....lb. .90 - .91
Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 1.50 - 1.75
Compestition, 5½x5½ in.pkg. 1.65 - 1.90
Gold, XX deep, 3⅜x3⅜ in.pkg. 14.50 - 15.00
3⅜x3⅜ in.....pkg. 16.00 - 16.50
4x4 in.....pkg. 18.50 - 19.00
3⅞x3⅞ in.....pkg. 21.50 - 22.00
3⅞x3⅞ in.....pkg. 33.50 - 34.00
Silver, 3⅜x3⅜ in.....pkg. 2.50 - 2.75
Metanitroaniline, kgs.....lb. .67 - .69
Metanitroparatoluidin, bbls....lb. 1.40 - 1.45
Metaphenylenediamine, kgs....lb. .82 - .84
Metatoluylenediamine, kgs.....lb. .67 - .69
Methanol, natural, denat. grade, dms., c.l., frt. alld....gal. .53 - —
tanks, frt. alld.....gal. .48 - —
contracts, frt. alld....gal. .45 - —
96%, dms., c.l., Zone 1, frt. alld..gal. .37½ - —
2, frt. alld.....gal. .38½ - —
3, frt. alld.....gal. .40½ - —
4, frt. alld.....gal. .42½ - —
5, frt. alld.....gal. .43½ - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .40 - —
2, frt. alld. or dlvd..gal. .44½ - —
3, frt. alld. or dlvd..gal. .43 - —
4, frt. alld. or dlvd..gal. .59 - —
5, frt. alld. or dlvd..gal. .49½ - —
tanks, Zone 1, frt. alld...gal. .33 - —
2, frt. alld.....gal. .34½ - —
3, frt. alld.....gal. .36½ - —
4, frt. alld.....gal. .36½ - —
5, frt. alld.....gal. .36½ - —
97%, dms., c.l., Zone 1, frt. alld..gal. .38½ - —
2, frt. alld.....gal. .40½ - —
3, frt. alld.....gal. .41½ - —
4, frt. alld.....gal. .42½ - —
5, frt. alld.....gal. .43½ - —
l.c.l. Zone 1, frt. alld. or dlvd..gal. .41 - —
2, frt. alld. or dlvd..gal. .42½ - —
3, frt. alld. or dlvd..gal. .44 - —
4, frt. alld. or dlvd..gal. .59 - —
5, frt. alld. or dlvd..gal. .50½ - —
tanks, Zone 1, frt. alld..gal. .34 - —
2, frt. alld.....gal. .35½ - —
3, frt. alld.....gal. .37½ - —
4, frt. alld.....gal. .37½ - —
5, frt. alld.....gal. .37½ - —
pure, dms., c.l., Zone 1, frt. alld..gal. .40 - —
2, frt. alld.....gal. .42 - —
3, frt. alld.....gal. .43 - —
4, frt. alld.....gal. .45½ - —
5, frt. alld.....gal. .45 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .42½ - —
2, frt. alld. or dlvd..gal. .47 - —
3, frt. alld. or dlvd..gal. .45½ - —
4, frt. alld. or dlvd..gal. .61 - —
5, frt. alld. or dlvd..gal. .52 - —
tanks, Zone 1, frt. alld..gal. .35½ - —
2, frt. alld.....gal. .37 - —
3, frt. alld.....gal. .39 - —
4, frt. alld.....gal. .39 - —
5, frt. alld.....gal. .39 - —
Methanol prices, bbls., 2½c. gal. more than drums
synthetic, guaranteed 99.5%, dms., c.l., Zone 1, frt. alld..gal. .40 - —
2, frt. alld.....gal. .42 - —
3, frt. alld.....gal. .43 - —
4, frt. alld.....gal. .45½ - —
5, frt. alld.....gal. .45 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .42½ - —
2, frt. alld. or dlvd..gal. .47 - —
3, frt. alld. or dlvd..gal. .45½ - —
4, frt. alld. or dlvd..gal. .61 - —
5, frt. alld. or dlvd..gal. .52 - —
tanks, Zone 1, frt. alld..gal. .35½ - —
2, frt. alld.....gal. .37 - —
3, frt. alld.....gal. .39 - —
4, frt. alld.....gal. .39 - —
5, frt. alld.....gal. .39 - —

Methanol sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., Mont., Nev., Idaho, Ore., Utah, Wash.; Zone 6, N. Mex., Texas, Wyo.

A U.S.P. OIL FOR THE AMERICAN TASTE



NO WONDER IT'S THREE TIMES AS POPULAR AS ALL OTHER LEMON OILS COMBINED

HIGH quality and right price have made Exchange Brand Oil of Lemon, U. S. P., the unquestioned leader in the United States.

It is made in the world's largest plant devoted exclusively to lemon products. Nowhere else are there the facilities to keep production quality so uniform. Nowhere else has the American taste been so successfully met.

Be sure to specify it by name: Exchange Brand Oil of Lemon, U.S.P. (Clarified).

Sold to the American market exclusively by
FRITZSCHE BROTHERS, INC. 76 NINTH AVENUE, NEW YORK, N. Y. • DODGE & OLCOTT COMPANY 180 VARICK STREET, NEW YORK, N.Y.
Distributors for
CALIFORNIA FRUIT GROWERS EXCHANGE
Products Department, Ontario, California
Producing Plant: EXCHANGE LEMON PRODUCTS COMPANY
Corona, California

Exchange BRAND OIL OF LEMON U.S.P.

Copr., 1936, California Fruit Growers Exchange, Products Dept.

Methyl acetate, 99%, dms., c.l.; frt. alld. E. of Rockies..lb. .16 - —
W. of Rockies.....lb. .16½- —
l.c.l., frt. alld., E. of Rockies..lb. .17 - —
W. of Rockies.....lb. .17½- —
85%, dms., c.l., frt. alld. E. of Rockies..lb. .13 - —
W. of Rockies.....lb. .13½- —
l.c.l., frt. alld. E. of Rockies..lb. .14 - —
W. of Rockies.....lb. .14½- —
Acetoacetate, dms., l.c.l., frt. alld..lb. .27 - —
Acetone, dms., c.l., contracts, zone 1, frt. alld..lb. .45½- —
2, frt. alld.....gal. .47½- —
3, frt. alld.....gal. .48½- —
4, frt. alld.....gal. .51 - —
5, frt. alld.....gal. .50½- —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .46 - —
2, frt. alld. or dlvd....gal. .53½- —
3, frt. alld. or dlvd....gal. .51 - —
4, frt. alld. or dlvd....gal. .05½- —
5, frt. alld. or dlvd....gal. .53½- —
tanks, contracts, Zone 1, frt., alld..gal. .41 - —
2, frt. alld.....gal. .43½- —
3, frt. alld.....gal. .44½- —
4, frt. alld.....gal. .44½- —
5, frt. alld.....gal. .44½- —

Methyl acetone in bbls. 2½c. per gal. more, in all brackets. The sales areas are: Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, L. A. and San Fran., Cal.; Portland, Ore.; Seattle, Wash.; Zones 4, Ariz., Cal., Mont., Nev., Idaho, Ore., Utah and Wash.; Zone 5, N. Mex., Tex., Wyo.

Synthetic, dms., c.l., Zone 1, frt. alld. E. of Rockies. gal. .52½- —
2, frt. alld. E. of Rockies. gal. .54½- —
3, Pacific coast.....gal. .55½- —
l.c.l., Zone 1, frt. alld. E. of Rockies..gal. .55 - —
2, frt. alld. E. of Rockies. gal. .59½- —
3, Pacific coast.....gal. .59 - —
tanks, Zone 1, frt. alld. E. of Rockies..gal. .48 - —
2, frt. alld. E. of Rockies. gal. .49½- —
3, Pacific coast.....gal. .51 - —

Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D. Zone 3, Pacific coast.

Alcohol (see Methanol).
Anthranilate, bots.....lb. 1.95 - 2.05
Benzoate, bots.....lb. .70 - 1.00
Chloride cyls.....lb. .40 - —
Cinnamate, bots.....lb. 3.00 - 3.75
Formate, dms.....lb. .35 - .36
Iodide, bots., jars.....lb. 5.50 - 5.65
Salicylate, dms.....lb. .40 - .42
tins.....lb. .42 - .45
Violet toner, bbls. (500 lbs.).lb. .40 - —
smaller lots.....lb. .42 - —
permanent, bbls.....lb. .80 - —
Methylanthraquinone, bbls.....lb. .80 - .82
Methylene blue, medicl., kgs...lb. 2.00 - 2.25
Methylheptenone, bots.....lb. 2.50 - 3.00
Methylheptin carbonate, bots..lb. 27.00 -44.00
Methylhexyl ketone, dms., tech., wks..lb. .62 - —
Methylisobutyl ketone, dms., c.l. wks..gal. .76 - —
l.c.l. wks.....gal. .80 - —
tanks, wks.....gal. .70 - —
Methylpropyl carbinol (see Carbinol).
Metronite pigment, 120 mesh, containers extra, c.l., f.o.b. Milwaukee..ton. 8.00 - —
l.c.l., same basis.....ton.10.00 - —
180 mesh, containers extra, c.l., same basis..ton.10.00 - —
l.c.l., same basis.....ton.12.00 - —
200 mesh, containers extra, c.l., same basis..ton.12.00 - —
l.c.l., same basis.....ton.14.00 - —
325 mesh, containers extra, c.l., same basis..ton.17.00 - —
l.c.l., same basis.....ton.19.00 - —
Mica, dry-grd., plastic, No. 100, 48 mesh,bgs.,c.l., works..ton.26.00 - —
l.c.l., works.....ton.43.75 - —
second grade, bgs., c.l., works..ton.28.00 - —
l.c.l., works.....ton.41.25 - —
200, 100 mesh, bgs., c.l., works..ton.32.00 -42.00
l.c.l., works.....ton.40.00 -50.00
second-grade, bgs., c.l., works..ton.23.00 -30.00
l.c.l., works.....ton.29.00 -37.50
300, 140 mesh, bgs., c.l., works..ton.50.00 - —
l.c.l., works.....ton.62.50 - —
roofing, bgs., c.l., works..ton.28.50 -30.00
l.c.l., works.....ton.30.00 -37.50
wet-grd., 160 mesh, pure white, bgs., c.l., dlvd. E. of Miss. R..100 lbs. 4.50 - —
W. of Miss. R.100 lbs. 5.00 - —
l.c.l., works.....100 lbs. 4.50 - —
standard, bgs., c.l., works, frt. alld. E. of Miss. R. 100 lbs. 3.50 - —
W. of Miss R.100 lbs. 4.00 - —
l.c.l., works.....100 lbs. 3.50 - —
Michler's ketone, kgs.....lb. 2.50 - —
Milk powder, skimmed, roller, bbls., c.l..lb. .10½- —
l.c.l. .....lb. .11½- —
spray, bbls., c.l.....lb. .11 - —
l.c.l. .....lb. .12 - —
unskimmed, roller, bbls., c.l.lb. .21½- .22
l.c.l. .....lb. .22 - .22½
spray, bbls., c.l.....lb. .21½- .22
l.c.l. .....lb. .22 - .22½
Millet seed, bgs.....lb. .03½- .04
hulled, bgs.....lb. .06½- .07
Mineral spirits (see Petroleum thinner and V. M. & P. naphtha).
Molasses, blackstrap, tanks...gal. .07½- —
New Orleans.....gal. .07 - —
Molybdenum metal, 99%, powd., kgs..lb. 1.80 - 2.15
Monoamylamine, dms., l.c.l. works..lb. 1.00 - —
Monochlorobenzene, dms.....lb. .06 - .06¼
Monoethanolamine, dms.....lb. .31 - .35
Monoethylaniline, dms.....lb. .77 - .79
Monomethyl para-aminosulphate, dms..lb. 2.75 - 4.00
Morphine, sus.....oz.10.90 -10.95
Acetate, bots.....oz. 8.80 - 8.85
Ethylhydrochloride, vis.....oz.10.50 -10.55
Hydrobromide, sus.....oz. 8.70 - 8.75
Sulphate, sus.....oz. 8.75 - 8.80
Mullein flowers, sus.....lb. .80 - .85
Leaves, bls.....lb. .07 - .08
Musk, nat., Cabardine, grained, bots..oz. No stocks
pods, bots.....oz. No stocks
Tonquin, grained, bots...oz.21.00 -23.00
pods, bots.....oz.14.50 - —
synth., ambrette, sus.....lb. 4.20 - —
Ketone, sus.....lb. 4.35 - —
Xylol, 100%, sus.....lb. 1.20 - —
Musk Root, bls.....lb. .08½- .10
Mustard seed, Bombay, brown, bgs..lb. .07 - .07½
California, brown, bgs.....lb. .06½- .07
yellow, bgs.....lb. No stocks.
Chinese, yellow, bgs.....lb. .06½- .07
Danish, yellow, bgs.....lb. .06½- .06½
Dutch, yellow, bgs.....lb. .06½- .09
English, yellow, bgs.....lb. .09 - .09½
Hungarian, yellow, bgs....lb. .07½- .08
Montana, brown, bgs...lb. .07¾ Nom.
yellow, bgs.....lb. .07 - .07½
Roumanian, yellow, bgs...lb. .06¾- .07
Sicilian, brown, bgs.....lb. .11¼ Nom.
Myrobalans, J1, bgs., shipt..ton.22.00 - —
J2, bgs., shipt.....ton.14.75 - —
R2, bgs., shipt.....ton.14.25 - —
Extract, liquid, 25%, bbls...lb. .04½- —

N

Naphtha hydrogenated (see Petroleum naphtha, high solvency).
Painters' (see Petroleum naphtha, V.M.&P.).
Solvent (see S).
Naphthalene, crude, dom., bgs., works..100 lbs. 3.00 Nom.
import., 74-78% bg.s Atlantic ports..100 lbs. 3.00 Nom.
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. E. works.....lb. .07½- —
cs., same basis.....lb. .07½- —
pkgs. (16 oz.), same basis..lb. .08 - —
(12 oz.), same basis pkg. .06¼- —
chipped, crushed, bbls., same basis..lb. .06¼- —
rice, cryst., powd., bbls., same basis..lb. .07¼- —

Refined naphthalene Western prices are 1c. per lb. higher, f.o.b. Chicago and Granite City, Ill.; storedoor delivery in metropolitan N. Y. and the cities of Phila. and Chicago in mim. 2,000-lb. quantities.

Nerolin, cryst., cns.....lb. 1.20 - 1.25
Nickel carbonate, bbls.....lb. .26 - —
Chloride, bbls.....lb. .18 - .19½
kgs.....lb. .21 - .22
Oxide, black, bbls.....lb. .25 - .32
Salt, double, bbls.....lb. .12 - .12½
single, bbls.....lb. .12 - .12½
Nicotine, 50%, cns.....8 lbs. 8.25 -10.15
Sulphate, 10-lb. cns.....lb. .76½- 1.06½
5-lb. cns.....lb. .94 - 1.17
dms.....lb. .75 - .85
Nitercake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms.,c.l. lb. .09 - —
l.c.l. .....lb. .11 - —
tanks .....lb. .06½- —
Nitrocellulose, alcohol-soluble, ¼, and 40, sec. vis., bbls., works..lb. .28 - —
bronzing, 20, 40, 70 sec. vis., bbls., works..lb. .29 - —
ester-soluble, ¼, ½, 5-6, 15-20 sec. and higher vis., bbls., works..lb. .26 - —
lacquer, 20-30 and 60-80 sec. vis., bbls., works..lb. .29 - —

Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable. A contract price of 25c. is standard for consumers of 10,000 pounds of nitrocellulose a year.

Nitrogen solution, 45½% ammon., tanks, f.o.b. Atlantic and Gulf ports Oct.-June unit-ton. 1.04 - —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk, f.o.b. Carrollville, Wis., 1936 shpt. unit-ton. 2.05 - —
Chemical, Ill. .unit-ton. 2.05 - —
East Coast producing points..unit-ton. 2.85 - 3.00
import., bgs., c.l.f. Atlantic ports, shpt.....unit-ton. 2.75 - —
Nitronaphthalene, bbls.....lb. .34 - .35
Nitrotoluene, mixed, dms.....lb. .10½- .11
Nutgalls, Aleppo, bgs., cs.....lb. .20 - .22
Chinese, shipmt., cs.....lb. .20 - .22
Extract (see Gall extract).
Nutmegs, 80s, bgs., cs.....lb. .19 - .19½
110s, bgs., cs.....lb. .17½- .18
West Indian, bgs.....lb. .16 - .16½
Nux vomica, bls.....lb. .06 - .07
powd., bbls., bxs.....lb. .07½- .08

O

Oakbark extract, 25% tan., bbls. lb. .02½- —
tanks .....lb. .02¾- —
Ocher (see Yellow).
Octanes, 100-140° C., mixed, dms., c.l., G.3..gal. .11 - —
l.c.l., G.3.....gal. .15 - —
tanks, G.3 .....gal. .08½- —
Octyl acetate, dms., c.l., works.lb. .16 - —
l.c.l., works.....lb. .17 - —
small lots, works.....lb. .20 - —
tanks, works.....lb. .15 - —
Oil, almond, bitter, artif. (see Benzaldehyde).
natural, bots.....lb. 2.75 - 3.00
s.p.a., bots.....lb. 3.00 - 3.25
sweet, true, exp., cns.....lb. .75 - .80
Amber, crude, cns.....lb. .20 - .21
refd., cns.....lb. .52 - .57
Amyris, cns.....lb. 2.70 - 2.75
Angelica root, bots.....lb.64.00 -75.00
Seed, bots.....lb.72.00 -90.00
Anilin (see A)
Anise, USP, cns., dms.....lb. .85 - .88
Apricot kernel, dom., dms., frt. alld..lb. .23½- .26
spot .....lb. .26 - .28
Russian, dms.....lb. .19 - .20
Babassu, tanks.....lb. .09¼- —
Bay, W.I., cns.....lb. 1.30 - 1.50
Bergamot, artif., cns.....lb. 1.00 - 1.30
natural, coppers.....lb. 2.50 - 3.00
Betula (see Oil, sweet birch).
Birch (see Oil, sweet birch).
Birch tar, crude, dms.....lb. .14 - .17
rectifd., cns.....lb. .75 - .80
Bois de rose, Brazil, cns.....lb. 1.25 - 1.35
Cayenne, cns.....lb. 2.75 - 3.00
Cade, USP IX (see Oil, juniper tar).
Cajeput, tech., dms.....lb. .45 - .46
USP IX, cns.....lb. .47 - .48
Calamus, cns.....lb. 2.75 - 3.00
Camphor, sassafrassy, cns..lb. .15 - .15½
dms.....lb. .13½- .14
white, cns.....lb. .16 - .16½
dms.....lb. .14½- .15
Cananga, native, cns.....lb. 2.25 - 2.50
rectified, cns.....lb. 3.00 - 3.35
Capsicum (oleoresin), USP VIII, cns..lb. 2.00 - 2.25
Caraway, USP, cns.....lb. 2.00 - 2.25
Cardamom, bots.....lb.15.00 -32.00
Oil, cassia, USP, cns., dms...lb. .95 - 1.00
Castor, blown, one-way dms., c.l...lb. .12½- —
l.c.l. .....lb. .13 - —
medicinal, bbls., c.l.....lb. .10½- —
l.c.l. .....lb. .11½- —
cns. (1-gal.), l.c.l.....lb. .14½- —
dms. (returnable), c.l....lb. .10½- —
l.c.l. .....lb. .11¾- —
(5-gal.), l.c.l.....lb. .12½- —
tanks .....lb. .10 - —
No. 3, bbls., c.l.....lb. .10¼- —
l.c.l. .....lb. .11 - —
dms. (returnable), c.l.....lb. .10 - —
l.c.l. .....lb. .10¾- —
tanks .....lb. .09½- —

Castor oil, med. and No. 3, prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. in States; Chicago c.l. prices 2c. higher than N. Y.; l.c.l. prices, ½c. higher than N. Y.; sameway dms., ¼c. higher, all points.

sulphonated, 50% (46% fat), dms., c.l...lb. .09 - —
l.c.l. .....lb. .09½- —
75% (63% fat), dms., c.l...lb. .11½- —
l.c.l. .....lb. .12 - —
80% (69% fat), dms., c.l...lb. .12½- —
l.c.l. .....lb. .13 - —
Cedarleaf, cns.....lb. .65 - .70
dms.....lb. .60 - .65
Cedarwood, Oregon, cns., dms. lb. .28 - .30
Southern, cns., dms.....lb. .18 - .20
Celery, bots.....lb.10.50 -12.50
Chaulmoogra, USP, cns., 500 lbs..lb. .90 - —
25 lbs.....lb. 1.00 - —
Chinawood, dms., Atlantic Cst. lb. .13¼- .13½
tanks .....lb. .1280- .1300
Cinnamon, Ceylon, bots.....lb. 9.00 -22.00
Seychelle, bots.....lb. 7.00 -10.00
Citronella, Ceylon, cns.....lb. .25½- .26
dms .....lb. .22½- .23
Java, dms.....lb. .29 - .30
Clove, USP, cns.....lb. 1.08 - 1.10
dms.....lb. 1.05 - —
Coconut Manila, crude, tanks. lb. .06¾ Nom.
Pac. Cst.....lb. .06⅛ Nom.
edible, 76°, tax incl., dms., (returnable), c.l..lb. .12¼- —
l.c.l. .....lb. .13 - —
tanks .....lb. .12 - —
Cod, Newfoundland, tanked, bbls..gal. .48½ Nom.
Norwegian, bbls.....gal. .38 - .40
Codliver, med., Norwegian, bbls. bbl.25.00 -27.00
poultry, USP, bbls.....gal. .70 - .75
Coriander, bots.....lb. No stocks
Corn, crude, tanks, works...lb. .08¾- —
refd., bbls.....lb. .12¼- .12½
Cottonseed, dom., cooking, bbls. 100 lbs.11.40 - —
salad, bbls.....100 lbs.11.55 - —
import., Brazilian, semirefd., dms..lb. .06½ Nom.
British, semi-refd., dms..lb. .07½ Nom.
Creosote (see C).
Croton, USP, cns.....lb. 1.25 - 1.30
Cubeb, USP, cns.....lb. 2.75 - 3.25
Crude (see Petroleum, crude).
Cumin, bots.....lb. 8.50 -10.00
Cypress, cns.....lb.12.00 - —
Degras (see D).
Diesel, Bayonne, bulk.....bbl. 1.65 - —
California, 27 plus, bulk..bbl. 1.60 - 1.25
Dill seed, bots.....lb. 3.15 - 3.50
Weed, bots.....lb. 5.00 - 5.50
Dip (see D).
Erigeron, cns.....lb. 1.45 - 1.55
Eucalyptus, cns.....lb. .37 - .39
dms .....lb. .35 - .37
Fennel, sweet, cns.....lb. 1.05 - 1.10
Fuel, bunker, California tidewater..bbl. .85 - .95
Gulf Coast.....bbl. .95 - —
Louisiana-Arkansas, 16-20.. bbl. .60 - .70
18-20 .....bbl. .65 - .75
N. Y. and N. J. terminals:—
Monday .....bbl. 1.15 - —
Tuesday .....bbl. 1.15 - —
Wednesday .....bbl. 1.15 - —
Thursday .....bbl. 1.15 - —
Friday .....bbl. 1.15 - —
Saturday .....bbl. 1.15 - —
North Texas, 18-22.....bbl. .72½- .80
24-28, zero cold test..bbl. .95 - 1.00
Oklahoma, 18-22.....bbl. .72½- .80
24-28, zero cold test..bbl. .95 - 1.05
24-28, 15 and above...bbl. .80 - .85
Pennsylvania, 36-40...gal. .04⅜- .04½
Furnace, Bayonne, 1 bulk, refinery..gal. .04½- .05
2, bulk, same basis.....gal. .04⅜- —
3, bulk, same basis.....gal. .04¾- —
4, bulk, same basis.....gal. .04 - —
Louisiana-Arkansas, 18-40 light straw.....gal. .05 - .03½
Oklahoma, 28-30.....gal. .02¾- .03
32-36 .....gal. .02¾- .03
36-38 .....gal. .03½- .03¼
38-40, straw.....gal. .03¼- .03⅜
38-40, zero, fill c.p.....gal. .03⅜- .03½
Fusel (see F).
Gas, Bayonne, bulk.....gal. .04¼- .04½
Gulf Coast, bulk.....gal. .03½- .03⅝
North Texas, bulk.....gal. .02½- .02¾
Oklahoma, bulk.....gal. .02⅝- .02⅞
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, rose, cns. lb. 4.50 - 6.50
Bourbon, cns.....lb. 4.75 - 5.65
Turkish, cns.....lb. 1.60 - 2.00
Grapefruit, cns.....lb. 2.85 - 2.90
Ginger, dist., bots.....lb. 5.85 - 6.10
Guaiac wood, concrete, bots..lb. 3.10 - 3.15
Haarlem, dom., bots.....gross 3.25 - 3.35
import, bots.....gross 3.40 - 3.50
Halibut-liver, dms. 1,000 A unit-gal. .75 - 1.00
Hemlock, cns.....lb. 1.00 - 1.05
Hempseed, crude, dms.....lb. .09½- .09¾
refd., dms.....lb. .10½- .10¾
Herring, tanks, Pan. Cst..gal. .31 - —
Juniper berry, USP, cns.....lb. 1.00 - 2.00
Wood, tech., cns.....lb. .45 - —
Juniper tar, U.S.P.XI, 1,000 lb. dms..lb. .35 - .50
cns.....lb. .38 - .52
Lard, common, 1, bbls..100 lbs. 9.50 - —
2, bbls.....100 lbs. 9.25 - —
extra, bbls.....100 lbs.10.75 - —
1, bbls.....100 lbs. 9.75 - —
headlight, burning bbls.100 lbs.12.00 - —
prime, ed., bbls.....100 lbs.14.25 - —
ined., bbls.....100 lbs.12.00 - —
winter, strained, extra, bls., 100 lbs.11.00 - —
prime, bbls.....100 lbs.11.25- —
Lavender flowers, French, USP, cns..lb. 2.55 - 7.25
Garden, cns.....lb. .45 - .50
Spike, Spanish, tech., cns..lb. 1.05 - 1.40
dms.....lb. .95 - 1.10
Lemon, Calif., cns.....lb. 1.75 - —
Messina, coppers, cns.....lb. 1.75 - 2.40
Lemongrass, native, cns., dms. lb. .53 - .63
Lime, dist., cns.....lb. 5.45 - 6.00
expressed, cns.....lb. 9.35 -10.50
Linaloe wood, cns.....lb. 1.15 - 1.20
Linseed, boiled, bbls., c.l....lb. .0980- .1000
l.c.l., 5 or more.....lb. .1020- .1040
less than 5.....lb. .1060- .1080
tanks .....lb. .0920- .0940

Methyl Acetate—Oil, Pimento

Oil, linseed, double boiled, bbls., less than 5..lb. .1080- .1100
raw, bbls., c.l.....lb. .0940- .0960
l.c.l., 5 or more.....lb. .0980- .1000
less than 5.....lb. .1020- .1040
tanks .....lb. .0880- .0900
Lovage, bots.....lb.46.00 -55.00
Lubricating, at refinery (including U.S. tax 4c. per gal.):—
California, green, 70 vis., tanks..gal. .21½- —
80, 100 vis., tanks...gal. .24½- —
115, 125 vis., tanks..gal. .26½- —
green, pale, 70, 100 vis., tanks..gal. .21½- —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis., tanks..gal. .21½- —
pale, red, 100, 140, 1,000 vis., tanks..gal. .21½- —
pale, 75, 175 vis..tanks.gal. .21½- —
Oklahoma, bright stocks, 100-110 D, 0-10 pour tanks..gal. .19½- —
15-25 pour, tanks..gal. .19 - —
150-160 D, 0-10 pour tanks..gal. .21 - —
15-25 pour, tanks..gal. .20½- —
150-160 E, 15-25, pour, tanks..gal. .20 - —
190-200 D, 15-25 pour, tanks..gal. .24 - —
200-210 E, 15-25 pour, tanks..gal. .23 - —
neutrals, 0-10 pour, 150 vis., 3 color, tanks..gal. .12½- —
180 vis., 3 colors, tanks, gal. .13½- —
4 color, tanks....gal. .13 - —
200 vis., 3 color, tanks, gal. .14 - —
4 color, tanks....gal. .13½- —
250 vis., 3 color, tanks, gal. .15 - —
4 color, tanks....gal. .14½- —
280 vis., 3 color, tanks, gal. .16 - —
4 color, tanks....gal. .15½- —
300 vis., 3½ color, tanks..gal. .16½- —
350 vis., same basis, gal. .17 - —
400 vis., same basis, gal. .17½- —
500 vis., same basis, gal. .18 - —
600 vis., same basis, gal. .18½- —

15-25 pour prices are ½c. per gallon higher than zero to 10° pour.

Penna., bright, 600 cold test, 10-40 pour, tanks.. gal. .24½- —
10-15 pour, tans...gal. .25½- —
cylinder, 600 fire, tanks, gal. .16 - .16½
600 flash, tanks.....gal. .19 - —
650 flash, tanks.....gal. .23½- —
655 fire, tanks.....gal. .18 - —
650 fire, tanks.....gal. .18 - —
Warren, E, amber, tanks..gal. .19½- —
neutral, 150 vis., 8 color, tanks..gal. .22½- .23
180 vis.,3 color,tanks.gal. .25 - —
200 vis.,2 color,tanks.gal. .26 - .27
spot, Penna, bright, bbls., l.c.l., f.a.s..gal. .32 - —
unfiltered, 600 s.r., bbls., c.l., f.a.s..gal. .24 - —
600 flash, s.r., bbl., c.l., f.a.s..gal. .26 - —
650 s.r., bbls., c.l., f.a.s. gal. .23¾- —
Warren, E, bbls., c.l.,f.a.s. gal. .26 - —
smaller lots, f.o.b..gal. .30 - —
Mace, dist., cns.....lb. 1.10 - 1.15
Manhaden, crude, tanks, f.o.b. Balto..gal. .30 Nom.
refd., alkali, dms., c.l.....lb. .0760- —
l.c.l. .....lb. .0780- —
tanks .....lb. .0700- —
blown, dms.....lb. .0760- —
kettle-bodied, dms.....lb. .0860- —
light pressed, dms., c.l....lb. .0700- —
l.c.l. .....lb. .0700- —
tanks .....lb. .0640- —
Mineral, white (see Oil, white mineral)
Mustard, artif., USP., bots..lb. 1.85 - 1.90
dist., natural, bots.....lb. 8.50 - 9.00
expressed, bbls.....gal. .75 - .80
Neatsfoot, cold test, bbls.100 lbs.16.00 - —
extra, bbls.....100 lbs.10.00 - —
1, bbls.....100 lbs. 9.75 - —
pure, bbls.....100 lbs.11.50 - —
Special, bbls.....100 lbs.11.00 - —
sulphonated, common, 25% moisture, dms..lb. .10¼- —
Neroli bots.....lb.35.00 -60.00
Nutmeg USP, cns.....lb. 1.10 - 1.15
Otticica, dms.....lb. .10 - .10¼
shipment .....lb. .10 Nom.
Oleo, 1, bbls.....100 lbs.11.50 - —
2, bbls.....100 lbs.11.00 - —
Olibanum, bots.....lb. 5.25 - 5.30
Olive, dom., denat., bbls....gal. 1.15 Nom.
edible, bbls.....gal. 1.80 Nom.
foots, bbls.....lb. .09¼- .09¾
sulphonated, 50% (45% fat), dms., c.l..lb. .11 - —
l.c.l. .....lb. .11½- —
75% (63% fat), dms., c.l..lb. .14½- —
l.c.l. .....lb. .15 - —
80% (68% fat), dms., c.l..lb. .15½- —
l.c.l. .....lb. .16 - —
Orange, sweet, dist., cns.....lb. .90 - —
expressed, African, cns., dms..lb. 1.20 - 1.25
Calif., cns.....lb. 2.85 - —
Florida, cns.....lb. 2.85 Nom.
Messina, USP, coppers..lb. 2.10 - 3.00
Spanish, cns.....lb. No stocks
West India, cns.....lb. 1.95 - 2.00
Origanum, Spanish, cns.....lb. .90 - 1.25
Orris, Florentine, concrete, extra strong, bots..oz. 5.25 - 5.50
Palm, Niger, cks.....lb. .04¾- .05
shipment .....lb. .0450- —
softs, 12½%, bulk, shipt...lb. .0455- —
20%, bulk, shipt.....lb. .0445- —
Sumatra, tanks.....lb. .05¾- Nom.
shipments, bulk.....lb. .0450 Nom.
Palmarosa, cns.....lb. 1.90 - 2.00
Palmkernel, bulk, shipt.....lb. .0545- —
Paraffin, 320° flash, 60-70 vis., tanks, G. 3..gal. .06¼- —
330° flash, 70-80 vis., tanks, G. 3..gal. .05½- —
80-85 vis., bbls. extra, Ind. refy..gal. .12 - —
350° flash, 100-105 vis., bbls. extra, Ind. refy..gal. .14 - —
350° flash, 100-110 vis., tanks, G. 3..gal. .06¾- —
Patchouli, bots.....lb. 5.00 - 6.00
Peanut, crude, tanks, works. lb. .03¾ Nom.
refd., edible, bbls.....lb. .12¾ Nom.
Pennyroyal, dom., cns.....lb. 1.65 - 1.75
import, cans.....lb. 1.60 - 1.85
Peppermint, natural, cans, dms. lb. 2.20 - 2.45
redist., USP, cns, dms....lb. 2.55 - 2.70
Perilla, dms.....lb. .09½- .09¾
tanks .....lb. .09 - .09¼
Petitgrain, Paraguay, cns...lb. 1.10 - 1.15
Pimento berry, cns.....lb. 2.30 - 2.50
Leaf, cns.....lb. 1.35 - 1.40

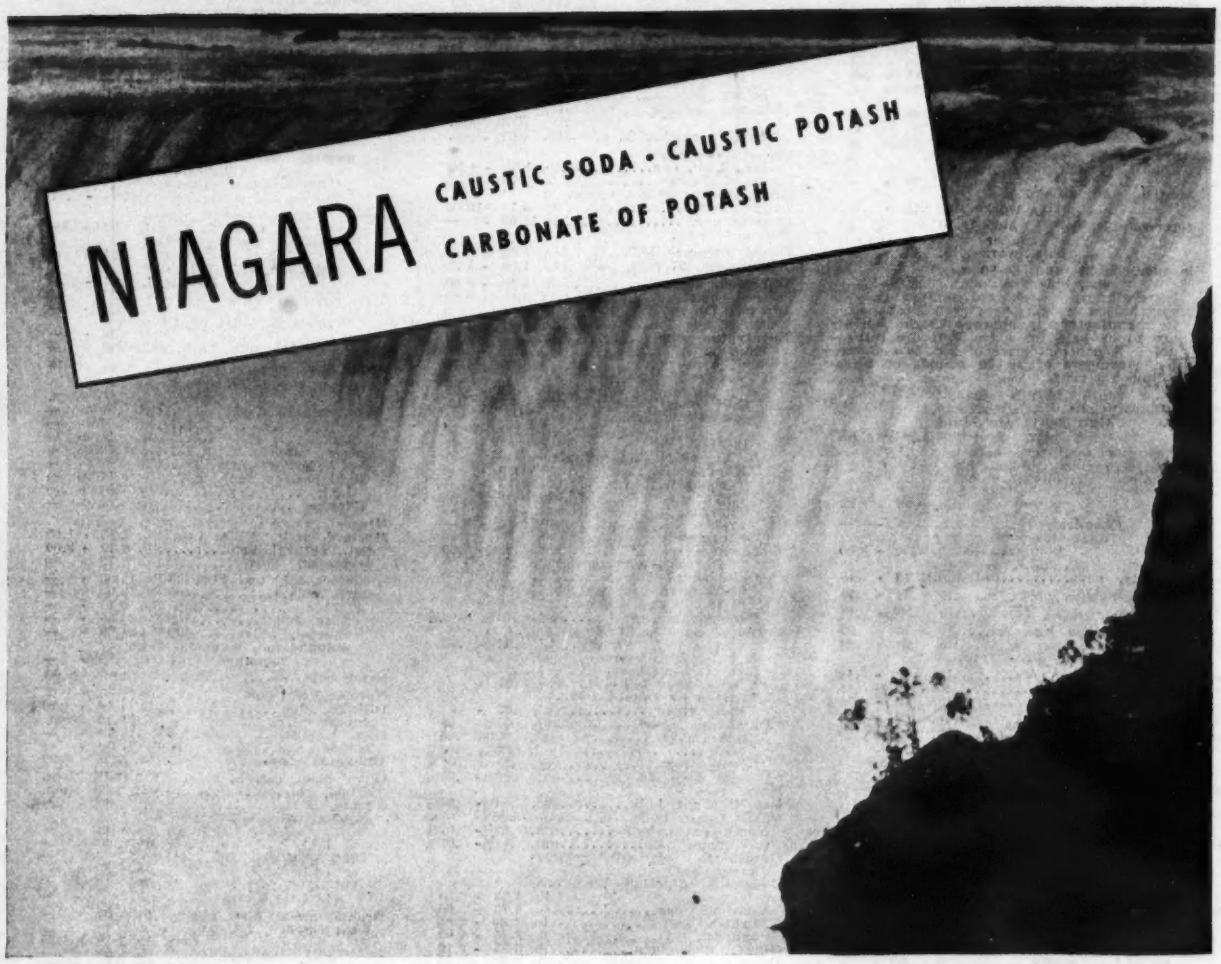
Oil, Pine—Petrolatum

Oil, pine, dest.-dist., straw-color, dms., dlvd. E. ports..gal. .44 - —
steam-dist., straw-color, bbls. gal. .59 - —
tanks .....gal. .54 - —
water-white, bbls.....gal. .64 - —
tanks .....gal. .60 - —
Pineneedle, Siberian, cns....lb. .90 - 1.10
Putty, bbls., El Segundo, Richmond, Cal..gal. .23½- —
contracts .....gal. .19½- —
Whiting, Ind.....gal. .38 - —
dms., c.l., Bost., Provid..gal. .35½- —
l.c.l., same basis.....gal. .37 - —
tanks, same basis.....gal. .18 - —
Martinez, Cal.....gal. .38 - —
Rapeseed, blown, bbls.....lb. .11¼- .12
denat., bbls.....gal. .73 - .75
Red, dist. or saponif., bbls., dlvd.....lb. .10¼- .11½
dms, dlvd.....lb. .10 - .11
tanks, dlvd.....lb. .09¼- —
white, dms, dlvd.....lb. .13 - .14
Rose, artif., bots.....oz. 2.00 - 3.00
natural, coppers.....oz. 5.25 -22.50
Rosemary, tech., cns.....lb. .37 - .38
USP, cns., dms.....lb. .43 - .48
Rosin, 1st rectfd., dms.....gal. .50 - .54
2d rectfd., dms.....gal. .53 - .55
3d rectfd., dms.....gal. .60 - .62
Rue, bots.....lb. 2.15 - 2.20
Sage, cns.....lb. 1.60 - 1.65
Salmon, tanks, Pac. Cst....gal. .32 - Nom.
Sandalwood, Australia, cns..lb. 4.50 - 5.00
E.I., USP, cns.....lb. 4.60 - 5.50
Sardine, crude, tanks, Pac. Cst..gal. .56 - —
rfd., alkali, dms, c.l.....lb. .0760- —
l.c.l. .....lb. .0760- —
tanks .....lb. .0700- —
kettle-bodied, dms.....lb. .0860- —
light, pressed, dms., c.l.lb. .0700- —
l.c.l. .....lb. .0700- —
tanks .....lb. .0640- —
Oil, sardine, rfd., poultry feed., dms., Pac. Cst..gal. .60 - —
Sassafras, artif., dms.....lb. .33 - .35
cns.....lb. .36 - .38
natural, cns., dms.....lb. .75 - 1.25
Savin, cns .....oz. 1.70 - 1.75
Savory, cns.....lb. 3.50 - 3.75
Sesame, dom., refd., white, dms. lb. .13 Nom.
yellow, dms.....lb. .13 Nom.
Shingle stain, bbls., c.l., works. gal. .17½- —
l.c.l., works.....gal. .20 - —
tanks, works.....gal. .14½- —
Snakeroot, Canada, cns.....lb. 10.25 -12.50
Soybean, dom., crude, dms..lb. .0910- .0970
tanks .....lb. .0850- —
refd., dms.....lb. .0990- .1050
tanks .....lb. .0900- .0950
Spearmint, USP, cns.....lb. 1.85 - 2.00
Sperm, bleach, 38°, dms.....lb. .0980- .1000
45°, dms.....lb. .0910- .0980
natural, dms.....lb. .0860- .0880
Spruce, cns.....lb. 1.00 - 1.05
Sunflowered, refd., dms.....lb. .11 Nom.
Sweet birch, North., cns.....lb. 2.50 - 2.75
South., cns.....lb. 1.90 - 2.10
Tallow, acidless, bbls....100 lbs. 9.75 - —
tanks .....100 lbs. 9.25 - —
Tansy, cns.....lb. 1.50 - 1.60
Tar, commil., dms., c.l., dlvd. E. cities..gal. .26 - —
E. ports.....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, dlvd. E. cities....gal. .20 - —
Tar acid (see T)
Teaseed, dms.....lb. .12 - .12½
Thyme, NF, red, dms.....lb. .85 - 1.25
white, dms. .....lb. .90 - 1.35
Tung (see Oil, chinawood).
Turkey red (see Oil, castor, sulphonated).
Turpentine (see T).
Turtle, cns.....gal. 4.00 - 5.00
Oil, valerian, bots.....lb. 13.50 -14.00
Vetiver, Bourb., bots.....lb. 8.00 -18.00
Walnut, crude, dms.....lb. .11 - .11¼
refd., dms.....lb. .12 - .12¾
Whale, refd., natural, dms..lb. .0730- .0760
winter, bleach, dms.....lb. .0800- .0820
Wheat germ, cns., dms.....gal. 27.50 -30.00
White mineral, dom., tech., 50-60 vis., dms.....gal. .42 - .44
65-75 vis., dms.....gal. .44 - .46
80-90 vis., dms.....gal. .45 - .47
U.S.P., 80-90 vis., dms..gal. .54 - .56
95-105 vis., dms.....gal. .63 - .65
125-135 vis., dms.....gal. .75½- .77½
140-150 vis., dms.....gal. .76½- .78½
175-185 vis., dms.....gal. .78½- .80½
300-310 vis., dms.....gal. .80 - .83
320-330 vis., dms.....gal. .85½- .87½
335-345 vis., dms.....gal. .87 - .89
Russian, 75-85 vis., dom..gal. .52 - —
145-155 vis., dms.....gal. .74½- —
185-190 vis., dms.....gal. .76½- —
275-285 vis., dms.....gal. .80 - —
335-345 vis., dms.....gal. .85 - —
Wintergreen, natural, North., cns..lb. 4.00 - 5.00
South., cns.....lb. 3.85 - 3.75
synth. (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed, cns.....lb. 2.00 - 2.10
Wormwood, cns.....lb. 2.65 - 2.75
Ylang-ylang, Bourb., bots., cns. lb. 8.50 - 6.00
Manila, bots.....lb. 26.00 -30.00
Opium, USP, cns.....lb. 11.50 -12.00
gran., cns.....lb. 12.50 -12.50
powd., cns.....lb. 12.50 -13.00
Orange, chrome (see Yellow, chrome).
Lake, Persian, bbls.....lb. .50 - .65
Minerals, Amer., bbls., E tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash..lb. .10½- —
Orange mineral, Amer., bbls., E tons, dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .11 - —
Colo., Mont., Wyo..lb. .10¾- —
Other points.....lb. .10¼- —
smaller lots, dlvd. Ala. etc..lb. .11 - —
Ariz., etc.....lb. .11½- —
Colo., Mont., N. M., Wyo..lb. .11¼- —
Other points.....lb. .10¾- —
French Toure, cks., ex dock..lb. .17 - —
tgs., ex dock.....lb. .16½- —
Peel, bitter, bls.....lb. .08 - .09
Sweet, bls.....lb. .09 - .10
Toner bbls.....lb. .80 - —
Orangeflower petals, cs.....lb. .85 - .88
Orris root, Florentine, bgs.....lb. .09 - .10
fingers, cs.....lb. .95 - 1.00
powd., bbls., bxs.....lb. .13 - .18
Verona, bls.....lb. .08 - .09
powd., bxs., cs.....lb. .11 - .19
Orthoanisidin, bbls.....lb. .82 - .84
Orthochloroaniline, dms.....lb. .60 - .75
Orthochlorophenol, dms.....lb. .85 - .75
Orthocresol, dms.....lb. .13 - .15
Orthodichlorobenzene, dms.....lb. .09¼- .11½
Orthonitroaniline, dms.....lb. .48 - .50
Orthonitrochlorobenzene, kgs..lb. .20 - .20
Orthonitroparachlorophenol, dms.lb. .70 - .75
Orthonitrophenol, kgs.....lb. .62 - .60
Orthonitrotoluene, dms.....lb. .07 - .10
Orthotoluene sulphonate, kgs..lb. 2.00 - 2.05
Orthotoluidin, dms.....lb. .14½- .15
Osage orange extract, cryst., bbls. lb. .17 - .19
liquid, 51°, bbls.....lb. .07 - .08
Oxyquinolin sulphate, cns., 100-lbs., works..lb. 2.50 - —
bots., cns., 1-50 lbs.....lb. 3.00 - 4.00

P

Papain, powd., cs.....lb. 1.00 - 1.05
Paprika, Hungarian, bgs.....lb. .21½- .22
Spanish, extra fancy, cs.....lb. .27½- .28
fair, bgs.....lb. .22 - .22½
fancy, bgs.....lb. .23½- .24
medium, bgs.....lb. .22½- .23
Para-aminoacetanilide, kgs....lb. .85 Nom.
Para-aminophenol, bgs., bbls..lb. 1.00 - —
Hydrochloride, bbls.....lb. 1.35 - —
Para-amylphenol, tertiary, dms., c.l., works..lb. .26 - —
Parachlorophenol, dms.....lb. .40 - .42
Paraxymene, rfd., dms.....gal. .75 - 1.25
Paradichlorobenzene, dms.....lb. .16 - .20
kegs .....lb. .18 - .22
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla., refy..lb. .02¾- .03½
bbls., c.l., N. Y.....lb. .0240- —
124-126 A.m.p., bgs., c.l., Okla. refy..lb. .02¼- .02⅝
bbls., c.l., N. Y.....lb. .0245- —
yellow, 124-126 A.m.p., bbls., c.l., N. Y..lb. .02⅛ Nom.
Paraffin, fully refd., slabs, 120-122 A.m.p., bgs., c.l...lb. No prices
123-125 A.m.p., bgs., c.l..lb. .0445- —
export, f.a.s. N. Y..lb. .0440- —
125-127 A.m.p., bgs., c.l..lb. .0455- —
export, f.a.s., N. Y..lb. .0450- —
125-130 A.m.p., bgs., c.l..lb. .0460- —
export, f.a.s. N. Y..lb. .0455- —
128-133 A.m.p., bgs., c.l..lb. .0485- —
export, f.a.s. N. Y..lb. .0480- —
128-135 A.m.p., bgs., c.l..lb. .0505- —
export, f.a.s. N. Y..lb. .0500- —
135-137 A.m.p., bgs., c.l.lb. .0530- —
export, f.a.s. N. Y..lb. .0525- —
138-140 A.m.p., bgs., c.l..lb. .0565- —
142-145 A.m.p., bgs., c.l..lb. .0700- —
Refined paraffin prices in cases are ½c. lb. higher than bags price.
match, A.m.p. up to and incl. 110-112, bbls., c.l..lb. .08 - —
semirfd., solid, 122-124 A.m.p., bgs..lb. .03½- Nom.
Paraformaldehyde, kgs., 1,000 lbs. lb. .38 - —
100-lbs. .....lb. .39 - —
Paraldehyde, tech., dms., wks.lb. .16 - .18
USP, cbys.....lb. .37 - .45
Paranitroaniline, kgs.....lb. .47 - .49
Paranitrochlorobenzene, kgs...lb. .36½- .34
Paranitrophenol, kgs.....lb. .35 - .37
Paranitrotoluene, kgs.....lb. .36 - .37
Paraphenylenediamine, bbls...lb. 1.25 - 1.30
tanks, same basis.....lb. .31 - —
Paratoluenesulphonamide, bbls.lb. .70 - .75
Paratoluenesulphonanilide, bbls.lb. .55 - —
Paratoluidin, bbls.....lb. .58 - .60
Pareira brava root, bls.....lb. .16 - .17
Paris green, kgs., frt. all'd E. of Cleve..lb. .26 - .27
kgs., same basis.....lb. .23 - .24
kits, same basis.....lb. .26 - —
Passion flower herb, bls.....lb. .06 - .06½
Patchouli leaves, bls.....lb. .15 - .16
Pellitory root, bls.....lb. .16 - .17
Pennyroyal, bls.....lb. .10 - .11
Pentane, norm., 28-38°, dms., c.l., G.S..gal. .12½- —
l.c.l., G.S .....gal. .16 - —
tanks, G.S .....gal. .09½- —
laboratory grade, dms c.l. G.S..gal. .16 - —
l.c.l., G.S.....gal. .25 - —
Pepper, black, Alleppy, bgs...lb. .08½- .08¾
Lampong, bgs.....lb. .05 - .05½
Tellicherry, bgs.....lb. .06¾- .09¼
Red, birdseye, new crop, bgs., afloat..lb. .15 - .15½
old crop, bgs.....lb. .14¼- .14¾
Japanese, 1, bgs.....lb. .12 - .12¼
Mombassa, bgs.....lb. .16¼- .16¾
White, Borneo, bgs.....lb. .10 - .10¼
Java, Muntok, bgs.....lb. .10½- .11
Saigon, bgs.....lb. No stocks
Singapore, Muntok, bgs....lb. .10½- .10¾
Peppermint leaves, dom., bls..lb. .24 - .25
import, bls.....lb. .34 - .39
Persian berry extract, bbls.....lb. .55 Nom.
Peru balsam, dms.....lb. 1.05 - 1.10
Petrolatum, amber, dark, bbls., c.l..lb. .02½- .03½
light, bbls., c.l.....lb. .03½- .03¾
medium, bbls., c.l.....lb. .03½- .03¾
cream, bbls., c.l.....lb. .03 - .03½
green, dark, bbls., c.l.....lb. .03½- .03¾
red, bbls., c.l.....lb. .03½- .03¾
veterinary, bbls., c.l.....lb. .03½- .03¾
white, lily, bbls., c.l.....lb. .04 - .04½
snow, bbls., c.l.....lb. .04 - .04½

BACKED BY A PIONEERING RECORD



If your production calls for the use of any or all of the above, consider Niagara's long record of pioneering effort. We were the first to produce Caustic Potash in this country; and the first, also, to produce flake Caustic Soda here. Recently Niagara pioneered again by being the first American company to produce Hydrated Carbonate of Potash. Now we offer you Calcined Carbonate of Potash, an extremely white product of exceptional purity; and granulated Caustic Potash, ground to meet the most rigid specifications. Niagara's pioneering activity is your assurance of purity, uniformity and highly experienced technical cooperation.

Niagara
KALI COMPANY
EAST 42nd STREET, NEW YORK, N.Y.
Associated with Electro Bleaching Gas Co.
Pioneer Manufacturer of Liquid Chlorine

Petroleum, crude, bulk, at wells:—

California:—

Alamitos Heights	bbl.	.74	- .86
Athens	bbl.	.84	- 1.07
Belridge	bbl.	.70	- 1.23
Buena Vista Hills	bbl.	.70	- 1.23
Coalinga	bbl.	.70	- .90
Coyote Hills (West)	bbl.	.75	- 1.23
Dominguez	bbl.	.79	- 1.04
East Coyote	bbl.	.76	- .96
Elk Hills	bbl.	.70	- 1.23
Elwood Terrace, f.o.b. ship.	bbl.	1.26	- 1.43
Huntington Beach	bbl.	.75	- 1.23
Inglewood	bbl.	.79	- 1.27
Kern Front	bbl.	.70	- —
Kern River	bbl.	.70	- —
Kettleman Hills	bbl.	1.19	- 1.43
La Habra	bbl.	.76	- .96
Lakeview	bbl.	.70	- 1.26
Lost Hills	bbl.	.70	- 1.23
McKittrick	bbl.	.70	- —
Midway - Sunset (except Lakeview)	bbl.	.70	- 1.23
Montebello	bbl.	.77	- 1.43
Mt. Poso	bbl.	.70	- —
Mountain View	bbl.	.70	- 1.20
Newhall	bbl.	.70	- —
Olinda Bros.	bbl.	.76	- 1.27
Orcutt	bbl.	.79	- .93
Playa del Rey, f.o.b. pipeline	bbl.	.80	- 1.10
Richfield	bbl.	.76	- 1.00
Rosecrans	bbl.	.84	- 1.06
Round Mt.	bbl.	.70	- —
Santa Fe Springs	bbl.	.78	- 1.43
Santa Paula	bbl.	.70	- 1.01
Seal Beach	bbl.	.79	- 1.19
Signal Hill	bbl.	.80	- 1.21
Torrence	bbl.	.80	- 1.06
Wheeler Ridge	bbl.	.76	- .93
Whittier	bbl.	.76	- .93

Canada:—

Oil Springs	bbl.	2.17	- —
Petrolia	bbl.	2.10	- —

Central West:—

Illinois	bbl.	1.23	- —
Lima	bbl.	1.15	- —
Midland (Mich.)	bbl.	1.32	- —
Princeton	bbl.	1.13	- —
East Texas	bbl.	1.15	- —

Gulf Coast:—

Barber's Hill	bbl.	.92	- 1.22
Batson	bbl.	.92	- 1.22
Conroe	bbl.	1.24	- 1.34
Dayton	bbl.	.92	- 1.22
Evangeline	bbl.	.92	- 1.22
Goose Creek	bbl.	.92	- 1.22
High Island	bbl.	.92	- 1.22
Hull	bbl.	.92	- 1.22
Humble	bbl.	.92	- 1.22
Liberty	bbl.	.92	- 1.22
Markham	bbl.	.92	- 1.22
Orange	bbl.	.92	- 1.22
Pettus	bbl.	1.23	- —
Pierce Junction	bbl.	.92	- 1.23
Port Lavaca	bbl.	.80	- —
Refugio, heavy	bbl.	.90	- —
light	bbl.	.92	- 1.22
Saratoga	bbl.	.92	- 1.22
Sour Lake	bbl.	.92	- 1.22
Spindle Top	bbl.	.92	- 1.22
Sugarland	bbl.	.92	- 1.22
Terry	bbl.	.92	- 1.22
West Columbia	bbl.	.92	- 1.22

Kentucky, Tennessee:—

Oil City, in Stoll lines	bbl.	.100	- —
Somerset	bbl.	1.30	- 1.39
Western Kentucky, all gravities	bbl.	1.32	- —

Louisiana, Arkansas:—

Bosco	bbl.	1.02	- —
Bull Bayou	bbl.	.71	- 1.06
Caddo	bbl.	.75	- 1.10
Cameron Meadows	bbl.	.83	- 1.13
Cotton Valley	bbl.	.75	- 1.10
De Soto	bbl.	.75	- 1.10
El Dorado	bbl.	.75	- 1.10
Haynesville	bbl.	.75	- 1.10
Homer	bbl.	.75	- 1.10
Iowa	bbl.	.72	- 1.06
Lockport	bbl.	.92	- 1.22
Miller County	bbl.	.75	- 1.10
Nevada	bbl.	.65	- —
Pine Island	bbl.	.84	- 1.06
Rodessa	bbl.	.75	- 1.10
Smackover	bbl.	.75	- .90
Urania	bbl.	.97	- —

Mexico, f.o.b. terminals, Mexican ports—based on contract:—

Panuco	bbl.	1.98	- —
Tax, 12.851c. per bbl.			
Tuxpan	bbl.	No prices	
Tax, 21.030c. per bbl.			

Midcontinent:—

Corsicana	bbl.	.89	- —
North Texas	bbl.	.86	- 1.18
Oklahoma-Kansas	bbl.	.86	- 1.18

Pennsylvania, Ohio, West Virginia:—

Bradford-Allegany	bbl.	2.45	- —
Corning	bbl.	1.32	- —
Pennsylvania grade, in Buckeye lines	bbl.	1.97	- —
Eureka lines	bbl.	2.12	- —
S.W. Penn lines	bbl.	2.17	- —
lower district in National Transit lines	bbl.	2.07	- 2.42

Rocky Mountain:—

Big Muddy	bbl.	1.11	- —
Cat Creek	bbl.	1.07	- —
Elk Basin	bbl.	1.10	- —
Frannie, heavy	bbl.	.73	- —
light	bbl.	.73	- —
Grass Creek, heavy	bbl.	.73	- —
light	bbl.	1.18	- —
Greybull	bbl.	1.20	- —
Lance Creek	bbl.	.75	- —
Pondera	bbl.	1.05	- —
Rock Creek	bbl.	1.13	- —
Salt Creek	bbl.	.94	- 1.13
Sunburst	bbl.	1.15	- —

South, Central and Southwestern Texas:—

Cass County	bbl.	.89	- 1.10
Darst Creek	bbl.	.97	- 1.09
Luling	bbl.	.89	- —
Lytton Springs	bbl.	1.09	- —
Mirando	bbl.	.85	- —
Panola County	bbl.	.84	- 1.06
Salt Flat	bbl.	1.02	- —
Sarget	bbl.	.99	- —
Tomball	bbl.	1.20	- —
Van	bbl.	.79	- 1.06

Texas Panhandle:—

Carson-Hutchinson counties	bbl.	.81	- .93
Gray County	bbl.	.86	- .98

West Texas:—

Artesia, N. M.	bbl.	.75	- —
Crane	bbl.	.75	- .90
Crockett	bbl.	.75	- .90
Hotor	bbl.	.75	- .90
Glasscock	bbl.	.75	- .90
Hobbs, N. M.	bbl.	.69	- —
Hogback	bbl.	1.21	- —
Howard	bbl.	.75	- .90
Jackson, N. M.	bbl.	.75	- —
Lea, N. M.	bbl.	.75	- .90
Maljamar, N. M.	bbl.	.75	- —
Mitchell	bbl.	.90	- —
Pecos	bbl.	.75	- .90
Upton	bbl.	.75	- .90
Winkler	bbl.	.85	- —

Petroleum, crude, bulk, at wells:—

ether, 50-60°, dms., c.l., G.S.	gal.	.15	- —
l.c.l., G.S.	gal.	.17	- —
tanks, G.S.	gal.	.13	- —
35-60°, dms., l.c.l., G.S.	gal.	.35	- —
40-75°, dms., c.l., G.S.	gal.	.15	- —
l.c.l., G.S.	gal.	.16	- —
tanks, G.S.	gal.	.13	- —
laboratory grade, dms., c.l., G.S.	gal.	.16	- —
l.c.l., G.S.	gal.	.35	- —
10-gal. lots, G.S.	gal.	.50	- —

Lacquer, diluent, at refinery:—

California, 49-51, 225 l.b.p., 335 e.p., tanks	gal.	.13	- —
55-62, 160 l.b.p., 270 e.p., tanks, delvd, Los Angeles	gal.	.10½	- —
San Francisco	gal.	.11	- —
f.o.b. Richmond, Willbridge, Ore.; Pt. Wells, Wash.	gal.	.11½	- —
61-68, 149 l.b.p., 275 e.p., tanks	gal.	.12	- —
61-68, 149 l.b.p., 275 e.p., tanks	gal.	.13	- —
East Coast, tanks	gal.	.12	- .12½
drums	gal.	.19	- —
Group 3, tanks	gal.	.07½	- .08½

Naphtha, cleaners, at refinery:—

East Coast, tanks	gal.	.06½	- —
Group 3, tanks	gal.	.07⅝	- .07⅛
tankwagon, Boston, ex-tax,	gal.	.13	- —
Chicago, inc. 3c. tax	gal.	.155	- —
Decatur, inc. 3c. tax	gal.	.179	- —
Des Moines, inc.3c.tax	gal.	.177	- —
Evansville, Ind., ex tax	gal.	.143	- .156
Milwaukee, inc. 4c. tax	gal.	.192	- —
Minneapolis-St. Paul, inc. 3c. tax	gal.	.183	- —
Newark, ex tax	gal.	.11½	- —
New York, ex tax	gal.	.11½	- —
Omaha, ex tax	gal.	.149	- .159
Oklahoma City, ex tax	gal.	.15	- .16
Philadelphia, ex tax	gal.	.11½	- —
St. Louis, ex tax	gal.	.146	- .156
Syracuse, 150 gals.	gal.	.14	- —
smaller lots, galv. drums, milk cans	gal.	.16	- —
	gal.	.21	- —
Tulsa, ex tax	gal.	.15	- .16
high solvency, aromatic, 8, tanks, frt. alld. within 100 mi. radius of Paulsboro, N. J.	gal.	.17	- —
delivery beyond 100 mi., f.o.b. Paulsboro, frt. equald nearest comp. pt.	gal.	.16¼	-
30, same basis	gal.	.18¼	- .19
40, same basis	gal.	.14½	- .15½
hydrogenated, 1, tanks, f.o.b. Bayway, frt. equald. nearest comp. pt.	gal.	.16	- —
2, same basis	gal.	.16	- —
3, same basis	gal.	.16	- —
4, same basis	gal.	.16	- —

V.m. & p., at refinery:—

California, 46.5, 254 l.b.p., 280 e.p., tanks, f.o.b. El Segundo	gal.	.11	- —
Richmond	gal.	.11½	- —
Willbridge Ore., Pt. Wells, Wash.	gal.	.12	- —
54-57, 190 l.b.p., 310 e.p., tanks, delvd. Los Angeles	gal.	.10	- —
San Francisco	gal.	.10½	- —
East Coast, tanks	gal.	.10	- —
Group 3, tanks	gal.	.07⅝	- .07⅛
Pennsylvania, tanks	gal.	.07⅜	- —

tankwagon, tax included:—

Albany	gal.	.11	- —
Baltimore	gal.	.13	- .15
Binghamton, N. Y.	gal.	.14	- .16
Boston	gal.	.13	- .15
Bridgeport, Conn.	gal.	.13	- —
Buffalo	gal.	.12½	- —
Camden, N. J.	gal.	.11	- .138
Chicago	gal.	.162	- —
Decatur, Ill.	gal.	.169	- —
Des Moines	gal.	.167	- —
Evansville, Ind.	gal.	.136	- .146
Milwaukee	gal.	.182	- —
Minneapolis-St. Paul	gal.	.173	- —
Newark	gal.	.10½	- —
New York (300 gals.)	gal.	.10½	- —
smaller lots	gal.	.11	- —

Petroleum thinner, tankwagon, tax included:—

Omaha	gal.	.139	- .149
Philadelphia	gal.	.115	- .135
Pittsburgh	gal.	.12	- —
Providence	gal.	.13	- .13
Rochester	gal.	.12	- .16
St. Louis	gal.	.136	- —
Syracuse	gal.	.13	- .15
Trenton	gal.	.11¼	- .12½
Wilmington, Del.	gal.	.15	- —
contracts, 1,000 gals.	gal.	.13	- —
Phenobarbital, bots.	lb.	4.50	- 4.55
Phenol, USP, dms, c.l., works, frt. equald.	lb.	.14½	- —
l.c.l., same basis	lb.	.15	- —
tins, c.l., same basis	lb.	.15½	- —
l.c.l., same basis	lb.	.16	- —
Phenolphthalein, USP, bbls., dms., 2,000 lbs.	lb.	.75	- —
bbls., dms., kegs, 100-250 lbs.	lb.	.77	- —
yellow, bbls.	lb.	.70	- —
Phenyl chloride, dms.	lb.	.16	- —
Phenylacetalhedyde, bots.	lb.	3.50	- 6.75
Phenylhydrazin hydrochloride, CP, bots., works.	lb.	3.50	- 5.10
commercial, kgs., works.	lb.	3.30	- 6.50
pure, bots., works	lb.	2.95	- 3.25
Phloroglucinol, CP, tins, works.	lb.	20.00	-22.00
tech., tins, works	lb.	15.00	-16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines, long ton.		4.35	- —
land pebble, 68% min., bulk, mines, long ton.		1.85	- —
70% min., bulk, mines, long ton.		2.35	- —
72% min., bulk, mines, long ton.		2.85	- —
75% basis, 74% min., bulk mines, long-ton.		3.85	- —
Tenn., 72%, bulk, mines, long ton.		4.50	- —
75%, bulk, mines, long ton.		5.50	- —
Phosphorus, red, cs.	lb.	.40	- .44
Yellow, cs.	lb.	.28	- .37½
Oxychloride, cyls.	lb.	.16	- .20
Sesquisulphide, cs.	lb.	.38	- .42
Trichloride, cyls.	lb.	.16	- .20
Phthalic anhydride, dms., c.l., works, frt. alld. E. of Miss. R.	lb.	.14½	- —
l.c.l., same basis	lb.	.15½	- —
Picht leaves, bgs.	lb.	.06	- .10
Pilocarpine hydrochloride, bots., vls.	oz.	2.50	- 2.75
Nitrate, bots., vls.	oz.	2.40	- 2.65
Pimento, bgs.	lb.	.15¾	- .16¼
Pinkroot, bls.	lb.	.35	- .90
Pitch, Burgundy (see B).			
Coaltar, 160° m.p., bbls., c.l., works	ton.	19.00	- —
l.c.l.	ton.	22.00	- —
Hardwood, 1-time, dm., c.l., dlvd. Akron	ton.	20.00	-21.00
f.o.b. works	ton.	15.00	- —
Linseed, dms.	lb.	.04½	- .05
Petroleum (see Asphaltum, Mexican, Texas).			
Pine, bbls.	bbl.	4.00	- 4.50
Stearin, dms.	lb.	.08	- .04½
Plaster of paris (see Gypsum).			
Pleurisy root, bls.	lb.	.12	- .13
Podophyllin, cns.	lb.	3.00	- 3.25
Poke root, bls.	lb.	.06½	- .07
Pomegranate bark, bgs.	lb.	.18	- .19
Root bark, bgs.	lb.	.40	- .41
Poppy flowers, red, bls.	lb.	.35	- .40
Seed, Dutch, bgs.	lb.	.07½	- .07½
Polish, bgs.	lb.	.06⅞	- .07½
Potash acetate, USP, bbls., kgs.	lb.	.26	- .28
50% sol., bbls.	lb.	.08½	- .09
Bicarbonate, USP, cryst., bbls.	lb.	.09	- .12
gran., bbls.	lb.	.10	- .12
Bichromate, bbls.	lb.	.06½	- .09
Binoxalate, dms.	lb.	.26	- —
Bisulphate, kgs.	lb.	.15½	- .18
Bromide, bbls.	lb.	.31	- .33
Carbonate, calc., 99-100% cks.	lb.	.06½	- .09
96-98% cks., c.l., Boston, Balto. arrival	lb.	.06⅝	- —
l.c.l., 5 or over, same basis	lb.	.07½	- —
N. Y. arrival	lb.	.07½	- —
N. Y. stocks	lb.	.07½	- —
less than 5, Bost., Balto. arrival	lb.	.07¾	- —
N. Y. arrival	lb.	.07⅞	- —
N. Y. stocks	lb.	.07⅞	- —
80-85%, cks.	lb.	.07¼	- .07½
hydrated, 82-85%, bbls., c.l., works	lb.	.06	- —
l.c.l., 10 or over	lb.	.06½	- —
1-9	lb.	.06⅝	- —
liquid, dms., dlvd.	lb.	.06½	- .08¾
USP, gran., bbls.	lb.	.14	- —
powd., bbls.	lb.	.17	- —
Caustic, flake, 88-92%, dom., dms., c.l., works	lb.	.07	- —
l.c.l.	lb.	.07½	- .07⅝
import., dms.	lb.	.07	- .07⅝
liquid, 45% basis, dms.	lb.	.03½	- .04¼
tanks	lb.	.02¾	- —
solid, 88-92%, dom., dms., c.l., works	lb.	.06¼	- —
l.c.l.	lb.	.06½	- .06⅝
import., cake	lb.	.06¼	- .06⅝
Chlorate cryst., kgs.	lb.	.06¼	- .08¼
gran., kgs.	lb.	.12	- .13
powd., kgs.	lb.	.08½	- .09¾
Chloride, tech., 98% cryst., bbls.	lb.	.04	- .04½
Chromate, kgs.	lb.	.28	- .36
Citrate, USP, gran., bbls., 250 lbs.	lb.	.35	- —
kgs., 100 lbs.	lb.	.36	- —
cns., 50 lbs.	lb.	.37	- —
cns., 25 lbs.	lb.	.39	- .40
Cyanide, cns., dms.	lb.	.55	- .90
Glycerophosphate, 75% sol., cns., 100 lbs.	lb.	1.25	- 1.30
Guaiacolsulphonate, cns.	lb.	1.65	- 1.70
Hydroxide, USP, sticks, cns.	lb.	.36	- .37
Hypophosphite, cns.	lb.	.72	- .77
Iodate, bbls.	lb.	3.20	- 3.25
Iodide, bbls., fib. dms.	lb.	1.10	- 1.15
Kainit, high-grade, 20% K_2O, bulk, c.l.f. ports	ton.	12.00	- —

Prices for potash kainit, manure salt, muriate, sulphate and potash magnesia-sulphate are subject to discount according to time orders are placed and time of delivery. See fertilizer market report for particulars.

Manure salt, dom., 20% K_2O, bulk, c.l.f. ports	ton.	12.00	- —
run of mine, approx. 30% K_2O, bulk, c.l.f. ports, unit-ton.		.55	- —
import., 30% K_2O, bulk, shipt. unit-ton.		.55	- —
Metabisulphite, kgs.	lb.	.15	- —
Muriate, dom., all strengths, min. 50% K_2O, bulk	unit-ton.	.50	- —
import., all strengths, min. 80% KCl, basis 50% K_2O, bulk, c.l.f. ports	unit-ton.	.50	- —

Potash muriate prices in bags are $2 ton higher than bulk price.

Oxalate, pure, cryst., kgs.	lb.	.20	- .21
tech., bbls.	lb.	.18	- .20
Perchlorate, kgs., works	lb.	.08	- .11

Pet., Crude—Red, Cadmium

Potash, permanganate, tech., dms.	lb.	.18½	- .19
Prussiate, red, bbls.	lb.	.35	- .37
Yellow, bbls.	lb.	.18	- .19
Silicate alkaline, lump, bags.	lb.	.07	- —
Sulphate, NF, bbls.	lb.	.13	- .14
tech., 90-95%, min. 90%, bgs., shipt., c.l.f. ports	ton.	36.25	- —
Vegetable, bulk, f.o.b. Balto.	ton.	19.97	Nom.
Xanthate, dms., c.l.	lb.	.13	- —
l.c.l.	lb.	.13½	- —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., shipt.	ton.	24.75	- —
Potash-titanium oxalate, kgs.	lb.	.33	- .35
Prickly ash bark, bls.	lb.	.11½	- .15
Berries, bls.	lb.	.15	- .16
Prince's pine herb, bls.	lb.	.15	- .16
Propane, tanks, G.S.	gal.	.03	- .04½
Psyllium seed (see Fleaseed).			
Pulsatilla, bls.	lb.	.15	- .16
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works	lb.	.03	- —
less than 3, works	lb.	.03½	- —
F and 1, bbls., 3 or over, works	lb.	.03½	- —
less than 3, works	lb.	.04	- —
0, 0-½, 0-¾, and ½, bbls., 3 or over, works	lb.	.04	- —
less than 3, works	lb.	.04½	- —
Ital.-grd., bgs., c.l., shipt., ex dock, N. Y.	ton.	33.00	Nom.
l.c.l., 5-20 tons, ex whse.	ton.	38.00	- —
1,000-10,000 lbs., ex whse.	ton.	39.00	- —
2 bgs. to 1,000 lbs., ex whse.	ton.	41.00	- —
single bgs., ex whse.	ton.	46.00	- —
Pumpkin seed, bgs.	lb.	.11	- .14
Purple lake (see Red).			
Putty, com'l, dms.	100 lbs.	3.60	- —
linseed oil, raw, dms.	100 lbs.	4.75	- —
refined, dms.	100 lbs.	5.25	- —
standard, dms.	100 lbs.	3.75	- —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrins (Seil test) dms. (incl.) frt. alld. E. of Rockies, standard brand.	gal.	4.25	- 4.60
standard make	gal.	4.25	- 4.60
basis 3.6% pyrethrins, dms. (incl.) frt. alld. E. of Rockies, standard brand.	gal.	4.25	- 4.60
Pyrethrum flowers, coarse, grnd. (g.f.p), Japan, bgs., 15 tons or over	lb.	.11½	- —
fine rowd., Daimat., bbls., kgs.	lb.	.14	- .18
Japan, bbls., 5 tons	lb.	.14	- —
Pyridin, denaturing, dms.	gal.	1.80	- —
refd., 2°, dms.	lb.	.40	- —
Pyrites, Spanish, bulk, c.i.f. Atl. ports	unit-ton.	.12- .13	Nom.
Pyrocatechin, CP, cryst., works, fib. dms., tins	lb.	2.15	- 2.40
resublimed, fib. dms., tins	lb.	4.60	- —

Q

Quassia, chips, bls.	lb.	.06	- .07
Quebracho extract, liquid, 25% tan., bbls., works	lb.	.02¾	- —
tanks, works	lb.	.02¾	- —
solid, 63%, bgs., c.l., ex dock, plus duty	lb.	.03¾	- —
clarified, 64%, bgs., c.l., same basis	lb.	.04¾	- —
Queen of the meadow herb, bgs.	lb.	.06	- .07
Root, bgs.	lb.	.06	- .07
Quercitron extract, liquid, 51°, bbls.	lb.	.04	- .06
solid, dms.	lb.	.10	- .12
Quicksilver, dom., flasks (76 lbs. net), dlvd., N. Y.	flask.	92.00	-93.00
Quince seed, bgs.	lb.	.45	- 1.65
Quinidine, cryst., small, cns.	oz.	.90	- —
large, cns.	oz.	.95	- —
pwd., precip., cans.	oz.	.91	- —
Sulphate, cns.	oz.	.87	- —
Quinine, 100 ozs., cns.	oz.	.74	- —
Acetate, cns.	oz.	.98	- —
Arsenate, cns.	oz.	.98	- —
Arsenite, cns.	oz.	1.00	- —
Bisulphate, cns.	oz.	.53	- —
Citrate, cns.	oz.	.71	- —
Dihydrobromide, bots.	oz.	.74	- —
Dihydrochloride, bots.	oz.	.74	- —
Ethylcarbonate, cns.	oz.	.74	- —
Ferrocyanide, cns.	oz.	1.00	- —
Formate, cns.	oz.	.93	- —
Glycerophosphate, cns.	oz.	1.13	- —
Hydrochloride, cns.	oz.	.96½	- —
Hydrochlorosulphate, cns.	oz.	.74	- —
Hydroiodide, cns.	oz.	.98	- —
Hypophosphite, cns.	oz.	.93	- —
Phosphate, cns.	oz.	.81	- —
Salicylate, cns.	oz.	.72	- —
Sulphate, U.S.P. X, cns.	oz.	.53	- —
U.S.P. XI, cns.	oz.	.50½	- —
Sulphocarbolate, cns.	oz.	.96	- —
Tannate, cns.	oz.	.57	- —
Tartrate, cns.	oz.	.96	- —
Valerate, cns.	oz.	.93	- —
Quinine-urea hydrochloride, cns.	oz.	.74	- —

R

R salt, bbls.	lb.	.93	- .97
Rapeseed, Belgian, bgs.	lb.	.05¼	- .05½
Dutch, bgs.	lb.	.05¼	- .05¾
Japanese, bgs.	lb.	.05¼	- .05¾
Raspberries, dried, bbls.	lb.	.80	- .85
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis	lb.	1.10	- —

Alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport 1¼c.), Miss., N.C., S.C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1½c. higher dlvd. Tex. (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.

Amaranth (see Red, maroon, lake).

Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld.	lb.	.80	- —
smaller lots, same basis	lb.	.85	- —
kgs., ton lots, same basis	lb.	.85	- —
smaller lots, same basis	lb.	.90	- —
light shade, bbls., ton lots, same basis	lb.	.85	- —
smaller lots, same basis	lb.	.70	- —
kgs., ton lots, same basis	lb.	.70	- —
smaller lots, same basis	lb.	.75	- —

Red, Cadmium—Sucrose

Red, cadmium, lithopone, light-medium shade, bbls., ton lots, same basis..lb. .70 - —
smaller lots, same basis. lb. .75 - —
kgs., ton lots, same basis. lb. .75 - —
smaller lots, same basis. lb. .80 - —
maroon shade, bbls., ton lots same basis..lb. .90 - —
smaller lots, same basis. lb. .95 - —
kgs., ton lots, same basis. lb. .95 - —
smaller lots, same basis. lb. 1.00 - —
medium shade, bbls., ton lots, same basis..lb. .75 - —
smaller lots, same basis. lb. .80 - —
kgs., ton lots, same basis. lb. .80 - —
smaller lots, same basis. lb. .85 - —
selenide, bbls., ton lots, works. 2.00 - —
smaller lots, works.....lb. 2.50 - —
Orange, bbls., ton lots, works..lb. 1.50 - —
smaller lots, works.....lb. 1.75 - —
Carmine 40, cns., 300 lbs.....lb. 4.00 - —
100 lbs.....lb. 4.10 - —
11 lbs.....lb. 4.40 - —
Crocus martis (see Red, purple oxide).
Eosin, kgs.....lb. .65 - —
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N.Y..lb. .06¾- —
80%-85%, bbls., same basis..lb. .07 - —
Iron oxide (see Red, oxide).
Lake C toner, bbls., same basis alizarin lake, contracts..lb. 1.25 - —
open order.....lb. 1.30 - —
Lithol toner, bbls., same basis alizarin lake, contracts..lb. .75 - —
open order.....lb. .80 - —
Lithol-rubin toner, bbls., same basis alizarin lake..lb. 1.05 - —
Maroon lake, 25%, kgs., same basis alizarin lake, contracts, lb. .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech., dom., bbls., lb. 1.30 - —
Metallic, bbls., Pa., works..lb. .03 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works, lb. .06¾- —
l.c.l., works.....lb. .09¼- —
reduced, 50%, copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N. Y..lb. .05¼- —
90% copperas oxide, bbls., same basis..lb. .07¾- —
Para toner, concent., kgs., same basis alizarin lake, contracts..lb. .75 - —
open order..lb. - - -
Persian Gulf oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N.Y..lb. .04¾- —
ex whse., Chicago, St. Louis..lb. .04¾- —
San Fran., Los Ang., Portland, Seattle....lb. .05 - —
Purple lake, kgs.....lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .05 -
Toner, kgs.....lb. 1.50 - 2.00
Rose lake, bbls.....lb. .20 - .25
Pink, bbls.....lb. .15 - .25
Scarlet ink toner, kgs., same basis alizarin lake..lb. .45 - —
Lake, kgs., same basis alizarin lake..lb. .25 - .30
Spanish oxide, 1, bbls., c.l., f.o.b N.Y., Pa., ship pt. or ex dock N. Orleans, Phila..lb. .03½ Nom.
f.o.b. St. Louis.....lb. .03¾ Nom.
l.c.l., f.o.b. Bethlehem, Easton, N.Y., N. Orleans, Phila..lb. .03¾ Nom.
St. Louis.....lb. .04 Nom.
ex dock or ex whse., San Fran., Los Ang., Port., Seat..lb. .04½ Nom.
ex whse., Chgo., Cleve., Pgh..lb. .04¼ Nom.
2 bbls., c.l., f.o.b. N.Y., Pa., ship pt. or ex dock N. Orleans, Phila..lb. .02¾ Nom.
f.o.b. St. Louis.....lb. .03 Nom.
l.c.l., f.o.b. Bethlehem, Easton, N.Y., N. Orleans, Phila..lb. .03 Nom.
St. Louis.....lb. .03¼ Nom.
ex dock or ex whse., San Fran., Los Ang., Port., Seat..lb. .03¾ Nom.
ex whse., Chgo., Cleve., Pgh..lb. .03½ Nom.
2, bbls., c.l., f.o.b. N.Y., Pa., ship pt. or ex dock N. Orleans, Phila..lb. .0265 Nom.
f.o.b. St. Louis.....lb. .0290 Nom.
l.c.l., f.o.b. Bethlehem, Easton, N. Orleans, N.Y., Phila..lb. .0290 Nom.
St. Louis.....lb. .0315 Nom.
ex dock or ex whse., San Fran., Los Ang., Port., Seat..lb. .03¾ Nom.
ex whse., Chgo., Cleve., Pgh..lb. .0340 Nom.
Toluidin toner, kgs., same basis alizarin lake..lb. 1.35 - —
Tuscan, 1, bbls., f.o.b. N.Y., E. St. Louis..lb. .25½- —
2, bbls., same basis.....lb. .20½- —
3, bbls., same basis.....lb. .23½- —
4, bbls., same basis.....lb. .23½- —
5, bbls., same basis.....lb. .24 - —
6, bbls., same basis.....lb. .24 - —
7, bbls., same basis.....lb. .24 - —
8, bbls., same basis.....lb. .25 - —
9, bbls., same basis.....lb. .21½- —
10, bbls., same basis.....lb. .1400- —
Venetian, bbls., works.....lb. .0120- —
10%, bbls., works.....lb. .0215- —
12%, bbls., works.....lb. .02¾- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03¾- —
30%, bbls., works.....lb. .03 - —
35%, bbls., works.....lb. .0325- —
40%, bbls., works.....lb. .03¾- —
Vermilion, American, bbls., same basis alizarin lake..lb. .18 - —
English quicksilver, bbls., 500-lbs..lb. 1.69 - —
smaller lots.....lb. 1.70 - 1.75
Red dyes are listed under Dyes.
Red precipitate, U.S.P. IX bxs., dz. dms., kgs., 100-lbs..lb. 1.64 - —
Red saunders wood, ground, bbls. lb. .13 - .17
Resorcinol, tech., cns., works..lb. .75 - .80
USP, cryst., cns., kgs., works..lb. 1.50 - 1.55
Rhatany root, bgs.....lb. .08½- .10
Rhodinol, bots.....lb. 5.75 - 9.00
Rhubarb, root, bbls., cs., kgs..lb. .30 - .31
powd., bbls., kgs.....lb. .34 - .35
Rochelle salt, cryst., bbls.....lb. .14 - —
powd., bbls.....lb. .13 - —
Rose flowers, pale, bls.....lb. .23 - .25
Red, bls.....lb. 2.00 - 2.10
Water, triple.....djn. 4.75 - 5.00
Rosemary flowers, bls.....lb. .35 - .40
Leaves, bls.....lb. .05 - .05½
Rosin, gum, B, bbls., ex dock, 256 lbs. 7.50 - —
D, bbls.....280 lbs. 7.50 - —
E, bbls.....280 lbs. 7.50 - —
F, bbls.....280 lbs. 7.55 - —
G, bbls.....280 lbs. 7.55 - —
H, bbls.....280 lbs. 7.55 - —
I, bbls.....280 lbs. 7.55 - —
K, bbls.....280 lbs. 7.55 - —
M, bbls.....280 lbs. 7.55 - —
N, bbls.....280 lbs. 7.55 - —
W. G., bbls.....280 lbs. 7.60 - —
W. W., bbls.....280 lbs. 8.45 - —
X, bbls.....280 lbs. 8.50 - —
Wood, F.F., bbls., spot.280 lbs. 6.97 - 8.00
works.....280 lbs. 6.25 - —
K, bbls, spot.....280 lbs. 7.17 - 8.20
works.....280 lbs. 6.35 - —
M, bbls., spot.....280 lbs. 7.32 - 8.35
works.....280 lbs. 6.60 - —
N, bbls., spot.....280 lbs. 7.92 - 8.95
works.....280 lbs. 7.20 - —
Rottenstone, dom., bgs., c.l., f.o.b. mines..ton.85.00 - —
l.c.l., ex whse.....ton.90.00 - —
import., lump, bbls.....lb. .12 - —
powd., bbls.....lb. .09¼- .10
Rue, bls.....lb. .32 - .35

S

Sabadilla seed, powd., bbls....lb. .31 - .35
Saccharin, cns., 1,000 lbs.....lb. 1.70 -
smaller lots.....lb. 1.75 - 1.80
Safflower, bls.....lb. .27 - .28
Saffron, Mexican, bls.....lb. .50 - .53
Spanish, tins.....lb. 14.00 -15.00
Sage, ess.....lb. .54 -
dms.....lb. .54 -
Sage leaves, Dalmat., fancy, bls, lb. .07 - .07½
stemless, bls.....lb. .06½- .06¾
Sage flour, bgs.....lb. .02¾- .03¼
Salicin, cns.....lb. 4.00 - 4.25
Saliol, kgs.....lb. .90 - .92
Salt, reclaimed, bgs., c.l., dlvd., N.Y..ton.13.40 - —
vacuum, common, fine, bgs., c.l., dlvd. N.Y..ton.14.08 -14.88
l.c.l., dlvd. N.Y.....ton.17.00 - —
Saltcake, grd., dom., bbls., works, ton.19.00 -25.00
bulk, works.....ton.12.00 -16.00
import, bulk, c.i.f.....ton.12.00 -12.50
Chrome (see Chrome cake).
Saltpeter, crude (see Potash nitrate).
dbl. refined, cryst., bbls., 25 to c.l.....100 lbs. 6.90 - 7.25
5-24.....100 lbs. 7.00 - 7.75
1-4.....100 lbs. 7.25 - 8.00
gran., bbls., 25 to c.l.100 lbs. 6.90 - —
5-24.....100 lbs. 6.90 - —
1-4.....100 lbs. 6.25 - —
powd., bbls., 25 to c.l.100 lbs. 6.90 - —
5-24.....100 lbs. 7.00 - —
1-4.....100 lbs. 7.25 - —
Santonin, cryst., cns.....lb. 43.00 -45.00
Saponin, cns.....lb. 1.45 - 1.50
Sarsaparilla, root, Honduras, bls. lb. .45 - .50
Mexican, bls.....lb. .12 - .13
Sassafras bark, ord., bls.....lb. .11 - .12
select, bls.....lb. .21 - .22
Savory, bls.....lb. .07 - .07¼
Saw palmetto berries, bgs.....lb. .35 - .36
Scammony root, bgs.....lb. .06 - .07
Schaeffer's salt, bgs.....lb. .49 - .50
Seidlitz mixture, bbls.....lb. .11¼- —
keg.....lb. .11½- —
Senega root, bls.....lb. .34 - .35
Senna leaves, Alexandria, bls.lb. .09 - .10
Tinnevelly, No. 1, bls.....lb. .11 - .12
2, bls.....lb. .07½- .08
3, bls.....lb. .06 - .07
powd., bbls., bxs.....lb. .09 - .10
siftings, bls.....lb. .09 - .10
Pods, bls.....lb. .06 - .07
Serpentaria root, bls.....lb. .55 - .56
Shellac, bleached, bonedry, bbls., f.o.b. N.Y..lb. .17½- .18
dlvd. Boston.....lb. .18 - .18½
Chicago.....lb. .18½- .19
Pacific Coast.....lb. .20½- .21
refd., bbls., f.o.b. N.Y.....lb. .24 - —
dlvd. Boston.....lb. .24½- —
Chicago.....lb. .25 - —
Pacific Coast.....lb. .27 - —
Garnet, bgs.....lb. .16 - .17
Orange, D.C., VSO., Diamond, cases..lb. .25 - .26
superfine, bgs., f.o.b. Bost., N.Y..lb. .14½- .15
dlvd. Chicago.....lb. .15½- .16
Pacific Coast.....lb. .17½- .18
T.N., bgs., f.o.b. Bost., N.Y. lb. .13½- .14
dlvd. Chicago.....lb. .14½- .15
Pacific Coast.....lb. .16½- .17
Varnish, orange, 5-lb. cut, bbls, fo. .90 - 1.00
4½-lb. cut., bbls.....gal. .85 - .95
4-lb. cut, bbls.....gal. .85 - .90
white, 5-lb. cut, bbls.....gal. 1.05 - 1.15
4½-lb. cut, bbls.....gal. 1.00 - 1.10
4-lb. cut bbls.....gal. .95 - 1.05
Silica, amorph., dry-grd., 95-97% 325 mesh, bgs., c.l., works, ton.20.00 - —
l.c.l., 2½ tons, works, ton.21.50 - —
smaller lots, works, ton.23.00 - —
95-97% 400 mesh, bgs., c.l., works..ton.25.00 - —
l.c.l., 2½ tons, works, ton.26.50 - —
smaller lots, works, ton.28.00 - —
wet-grd., 95-97%, 325 mesh, bgs., c.l., works, ton.21.00 - —
l.c.l., 2½ tons, works, ton.22.50 - —
smaller lots, works, ton.24.00 - —
95-99% 325 mesh, bgs., c.l., works..ton.22.00 - —
l.c.l., 2½ tons, works, ton.23.50 - —
smaller lots, works, ton.25.00 - —
99% 325 mesh, bgs., c.l., works..ton.24.00 - —
l.c.l., 2½ tons, works, ton.25.50 - —
smaller lots.....ton.27.00 - —
hard-quarts, 140 mesh, bgs., c.l., works..ton.14.00 - —
l.c.l., works.....ton.17.00 - —
Silver, bullion.....oz. .44¾- —
Govt. purchase.....oz. .7767- —
Silver nitrate, vls.....oz. .82½- .84½
Nucleinate, cns., 500 ozs....oz. .35 - .36
Proteinate, cns., 500 ozs....oz. .34 - .35
Simarubra bark, bls.....lb. .23 - .30
Skatol, bots.....oz. 4.00 -10.00
Skullcap, Eastern, bls.....lb. .20 - .23
Western, bls.....lb. .16 - .19
Skunk cabbage root, bls.....lb. .10 - .11
Slate flour, bgs., c.l., works, ton. 9.00 - —
l.c.l., works.....ton.10.00 -15.00
Sloe berries, bgs.....lb. .11 - .13
Smalt, black, extra velvet, bbls. lb. .05 - .06
Blue, bbls.....lb. .06½- .07
Snakeroot, Canad., bls.....lb. .24 - .26
Soapbark, bls.....lb. .07 - .08
crushed, bls., bbls.....lb. .11 - .13
cut, bls., bbls.....lb. .09 - .10
powd., bbls.....lb. .13 - .14
Soda abietate, dms.....lb. .06 - —
Acetate, anhyd., dms.....lb. .09¾- .13
flake, 60% dms.....lb. .04½- .07
Alginate, dms.....lb. .64 - —
Antimoniate, bbls.....lb. .12 - .12½
Arsenate, dms.....lb. .09¾- .11¼
Arsenite, liq., dms.....lb. .40 - .75
Soda, ash, dense, 58%, bgs., c.l., works..100 lbs. 1.25 - —
l.c.l., Zone 1.....100 lbs. 2.13 - —
1A.....100 lbs. 2.16 - —
2.....100 lbs. 2.28 - —
3.....100 lbs. 2.38 - —
4.....100 lbs. 2.98 - —
5.....100 lbs. 2.20 - —
bbls., c.l., works....100 lbs. 1.80 - —
l.c.l., Zone 1.....100 lbs. 2.37 - —
1A.....100 lbs. 2.43 - —
2.....100 lbs. 2.53 - —
3.....100 lbs. 2.77 - —
4.....100 lbs. 3.17 - —
5.....100 lbs. 3.47 - —
bulk, c.l., works....100 lbs. 1.10 - —
extra light, 56%, bgs., c.l. 100 lbs. 1.23 - —
l.c.l., Zone 1.....100 lbs. 2.06 - —
1A.....100 lbs. 2.13 - —
2.....100 lbs. 2.23 - —
3.....100 lbs. 2.48 - —
4.....100 lbs. 2.69 - —
5.....100 lbs. 2.20 - —
bbls., c.l.....100 lbs. 1.00 - —
l.c.l., Zone 1.....100 lbs. 2.47 - —
1A.....100 lbs. 2.53 - —
2.....100 lbs. 2.63 - —
3.....100 lbs. 2.87 - —
4.....100 lbs. 3.27 - —
5.....100 lbs. 2.57 - —
bulk, c.l.....100 lbs. 1.06 - —
light, 58%, bgs., c.l., works. 100 lbs. 1.23 - —
l.c.l., Zone 1.....100 lbs. 2.06 - —
1A.....100 lbs. 2.13 - —
2.....100 lbs. 2.23 - —
3.....100 lbs. 2.48 - —
4.....100 lbs. 2.68 - —
5.....100 lbs. 2.20 - —
Soda, ash, light 58%, bbls., c.l., works..100 lbs. 1.50 - —
l.c.l., Zone 1.....100 lbs. 2.37 - —
1A.....100 lbs. 2.43 - —
2.....100 lbs. 2.53 - —
3.....100 lbs. 2.77 - —
4.....100 lbs. 3.17 - —
5.....100 lbs. 2.47 - —
bulk, c.l.....100 lbs. 1.06 - —

Soda ash l.c.l. prices are for 5 or more pkgs. of one sort, dlvd. usual trucking distance of whse., or f.o.b. cars whse. pt.; less than 5 pkgs., add 15c. per 100 lbs.; ex-whse., deduct 10c. per 100 lbs. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky.; Zone 1A, N. E. States (in Me., N.H., Vt., special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N.C., Omaha, S.C., Tenn.; Zone 3, Ark., Kan. (W. of Wichita), La., Neb. (except Omaha), N.D., Okla., S.D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N.M., Spokane, Utah, Wye.; Zone 5, Calif., Ore., Wash. (except Spokane).

Benzoate, USP, kgs.....lb. .46 - .50
Bicarbonate, gran., bbls., c.l., works..100 lbs. 2.15 - —
powd., bbls., c.l., works. 100 lbs. 1.75 - —
l.c.l., dlvd. N.Y.....100 lbs. 2.40 - —
kgs., c.l.....100 lbs. 2.00 - —
l.c.l., dlvd. N.Y....100 lbs. 2.65 - —
Bichromate, csks.....lb. .09½- .07
Bifluoride, bbls.....lb. .11¼- .13
Bisulphate (see Niter cake).
Bisulphite, powd., bbls., c.l., works..100 lbs. 2.25 - 2.35
l.c.l., works.....100 lbs. 2.50 - 2.60
solution, 35-40%, cbys., c.l., works..100 lbs. 1.95 - 2.10
Bromide, bbls.....lb. .21 - .23
Cacodylate, jars.....lb. 6.50 - 6.75
Carbonate (see Soda ash, soda monohydrated soda, sal).
Caustic, flake, 76%, grd., powd., ammon. process, bbls., c.l., works..100 lbs. 3.25 - —
dms., c.l., works..100 lbs. 3.00 - —
l.c.l., Zone 1...100 lbs. 4.00 - —
1A.....100 lbs. 4.05 - —
2.....100 lbs. 4.15 - —
3.....100 lbs. 4.42 - —
4.....100 lbs. 4.80 - —
5.....100 lbs. 4.05 - —
electro. process, dms., c.l., works..100 lbs. 3.95 - —
l.c.l., same zone prices as ammon. process.
liquid, 47-49%, buyer's tanks, works..100 lbs. 3.23½- —
seller's tanks, works..... 100 lbs. 3.35 - —
70%, buyer's tanks, works, 100 lbs. 3.37½- —
seller's tanks, works..... 100 lbs. 3.39 - —
solid, 76%, ammon. process, dms., c.l., works..100 lbs. 3.60 - —
l.c.l., Zone 1...100 lbs. 4.60 - —
1A.....100 lbs. 4.65 - —
2.....100 lbs. 4.75 - —
3.....100 lbs. 4.98 - —
4.....100 lbs. 5.38 - —
5.....100 lbs. 4.65 - —
electro process, dms., c.l., works..100 lbs. 3.95 - —
l.c.l., same zone prices as ammon. process.

Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same.

Chlorate, dom., cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06¼- .09
powd., bgs., c.l., works..lb. .06¾- —
l.c.l., works.....lb. .07 - .09½
Citrate, USP VIII, gran., bbls., 225 lbs.....lb. .21 - —
cns., 50 lbs.....lb. .23 - —
25 lbs.....lb. .25 - .26
kgs., 100 lbs.....lb. .22 - —
USP X, gran., bbls., 250 lbs. lb. .27½- —
cns., 50 lbs.....lb. .29½- —
25 lbs.....lb. .31½- .32½
kgs., 100 lbs.....lb. .28½- —
powd., bbls., 250 lbs.....lb. .28 - —
cns., 50 lbs.....lb. .30 - —
25 lbs.....lb. .32 - .33
kgs., 100 lbs.....lb. .29 - —
Cyanide, 96-98%, dom., dms..lb. .13½- .17½
import., cs.....lb. .16½- .17
Fluoride, white, 90%, bbls., c.l., f.o.b. Phila..lb. .07½- —
l.c.l., 10 or over, same basis..lb. .07¾- —
5-9, same basis.....lb. .08 - —
1-4, same basis.....lb. .08¼- —
96%, bbls., c.l., same basis. lb. .07½- —
l.c.l., 10 or over, same basis..lb. .08 - —
5-9, same basis.....lb. .08¼- —
1-4, same basis.....lb. .08¾- —
Soda fluoride prices at Los Angeles are f.a.s. Phila.
Glycerophosphate, cryst., bbls., cns., 100 lbs..lb. 1.15 - —
solution, 75%, cns.....lb. .90 - —
50%, cns.....lb. .65 - —
Hydrosulphate, bbls.....lb. .17 - —
Hydroxide, USP, sticks, cns., 100 lbs..lb. .33 - .34
Hypophosphite, cns.....lb. .67 - .72
Hyposulphite, cryst., large, bbls., 100 lbs. 2.45 - 2.65
pea, bbls.....100 lbs. 2.50 - 2.60
gran., bbls.....100 lbs. 2.75 - 2.80
Iodate, jars.....lb. 5.02 - 5.07
Iodide, jars.....lb. 1.90 - 1.95
Metanilate, kgs.....lb. .41 - .43
Soda metasilicate, cryst., bbls., c.l., works..100 lbs. 2.75 - —
l.c.l., dlvd.....100 lbs. 3.15 - 3.75
gran., bbls., c.l., works. 100 lbs. 2.15 - —
l.c.l. dlvd.....100 lbs. 2.50 - 3.10
Molysdate, tech., anhyd., kgs., lb. .75 - .80
cryst., kgs.....lb. .65 - .70
Monohydrated, bbls.....100 lbs. 2.00 -
works.....100 lbs. 2.20 -
Naphthenate, bbls.....lb. .09 - —
Naphthionate, bbls.....lb. .32 - .34
Nitrate, crude, 100-lb. bgs., Nov. June dlvy., ports.....ton.27.50 - —
200-lb. bgs., same basis. ton.26.80 - —
bulk, same basis.....ton.25.50 - —
rfd., gran., bbls, 10-25, 100 lbs. 2.25 - —
6-9.....100 lbs. 2.40 - —
1-4.....100 lbs. 2.65 - —
powd., bbls.....lb. .05½ Nom.
Nitrite, 96-98%, dom., bbls., c.l..lb. .0710- .0735
l.c.l.....lb. .0835-.1170
Oxalate, neut., bbls., kgs....lb. .09 - .11
Perborate, NF, bbls.....lb. .17 - .18
Phosphate, dibasic, tech., bgs., c.l., works.....100 lbs. 1.75 - —
l.c.l., works.....100 lbs. 2.00 - 2.05
bbls., c.l., works...100 lbs. 1.95 - —
l.c.l., works.....100 lbs. 2.20 - 2.25
Monobasic, anhyd., bbls., c.l. 100 lbs. 7.51 - —
l.c.l.....100 lbs. 8.25 - —
tribasic, bgs., c.l., works..... 100 lbs. 1.75 - —
l.c.l., works.....100 lbs. 2.00 - 2.05
bbls., c.l., works....100 lbs. 1.95 - —
l.c.l., works.....100 lbs. 2.20 - 2.25
kgs., c.l., works....100 lbs. 2.45 - —
l.c.l., works.....100 lbs. 2.70 - —
Picramate, kgs.....lb. .67 - .69
Prussiate, yellow, bbls., works, contracts..lb. .10 - —
spot.....lb. .11½- —
Pyrophosphate, anhyd., bbls..lb. .10 - —
cryst., bbls.....lb. .09½- —
Sal, bgs., dlvd. N.Y...100 lbs. 1.20 - —
works.....100 lbs. 1.00 - —
bbls., dlvd. N.Y.....100 lbs. 1.30 - —
works.....100 lbs. 1.10 - —
Salicylate, bxs.....lb. .47 - —
Silicate, 40° turbid, dms., c.l., works..100 lbs. .80 - —
l.c.l., 5 or more, works.... 100 lbs. 1.05 - —
1-4, works.....100 lbs. 1.20 - —
43°, dms., c.l., works. 100 lbs. 1.35 - —
l.c.l., 5 or more, works... 100 lbs. 1.60 - —
1-4, works.....100 lbs. 1.75 - —
Silicofluoride, dom., bbls.....lb. .06½- .07
import, bbls.....lb. .06½- .07
Stannate, dms.....lb. .31 - .34
Stearate, lump, bbls, works..lb. .20 Nom.
powd., bbls., works.....lb. .24 - —
Sulphate, anhyd., bgs., 5 tons or over, dlvd. Boat., N.Y., Phila. areas, or f.o.b. Boat., Jersey City, N.Y., Norfolk, Phila., or frt. equald. 100 lbs. 1.15 - —
less than 5 tons, same basis..100 lbs. 1.40 - —
bbls., 5 tons or over, same basis..100 lbs. 1.30 - —
less than 5 tons, same basis..100 lbs. 1.55 - —
cryst. (see Glauber's salt).
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.55 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 2.75 - —
less than 5 tons, dlvd.. 100 lbs. 3.00 - —
flake, chips, broken, bbls., c.l. works..100 lbs. 2.50 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 4.00 - —
less than 5 tons, dlvd... 100 lbs. 4.25 - —
solid, bbls., c.l., works. 100 lbs. 3.00 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 3.50 - —
less than 5 tons, dlvd.. 100 lbs. 3.75 - —
Sulphite, cryst., bgs....100 lbs. 2.10 - 2.25
bbls.....100 lbs. 2.30 - 2.54
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l., 5 or more.....100 lbs. 5.50 - —
1-4.....100 lbs. 6.00 - —
Sulphocarbolate, cs.....lb. .27 - .29
Sulphocyanide, dms., cns.....lb. .39 - .47
Sulphoricinoleate, bbls.....lb. .13 - —
Thiosulphate (see hyposulphite)
Tungstate, CP, kgs.....lb. 1.30 - 1.45
tech., kgs.....lb. .85 - .90
Solvent naphtha, high-flash, dms., works, frt. equald..gal. .26 - —
tanks, same basis.....gal. .21 - —
Water-white, dms., works, gal. .25 - —
tanks, E. of Omaha, frt. alld..gal. .20 - —
W. of Omaha, works..gal. .20 - —
Sorbitol, com'l, syrup, dms., basis sorbitol cont., works. lb. .26 - —
Sparteine sulphate, cns.....oz. 1.10 - 1.15
Spearmint leaves, bls.....lb. .22 - .23
Spikenard root, bls.....lb. .12 - .15
Spruce extract, bbls., works...lb. .61½- —
tanks, works.....lb. .61 - —
powd., bgs.....lb. .64 - —
super, bbls., works.....lb. .01¾- —
tanks, works.....lb. .01¾- —
Squawvine leaves, bls.....lb. .13 - .14
Squill, red, bls.....lb. .14 - .15
White, bls.....lb. .07 - .08
powd., bbls., bxs.....lb. .12 - .13
St. Ignatius beans, bgs.....lb. .32 - .33
St. John's bread, bls.....lb. .06 Nom.
Starch, corn, pearl, bgs....100 lbs. 3.50 - 4.00
powd., bgs.....lb. 3.90 - 4.10
Iodide, bots.....lb. 1.67 - 1.92
Potato, dom., bgs.....lb. .04½- .05¼
import., bgs.....lb. .05 - .06
Rice, bbls.....lb. .07¼ Nom
Wheat, bgs.....lb. .06¼- .06¾
Stavesacre seed, bgs.....lb. .35 - .40
Stearin, oleo, bbls.....lb. .09 - .09½
Stillingia root, bls.....lb. .08 - .09
Stonecrot, bls.....lb. .06½- .07
Storax, cs.....lb. .33 - .35
Stramonium leaves, bls.....lb. .09 - .10
Seed, bgs.....lb. .09 - .10
Strontium bromide, bbls.....lb. .50 - .51
Carbonate, pure, bbls.....lb. .30 - .31
Iodide, jars.....lb. 2.80 - 2.85
Nitrate, dom., works, bbls...lb. .08 - .09
import, bbls.....lb. .08½- .09
Strophanthus seed, Kombe, bgs. lb. 1.45 - 1.50
Strychnine, cryst., cns.....oz. .48 - .51
powd., cns.....oz. .38 - .41
Acetate, cns.....oz. .64 - —
Arsenate, cns.....oz. .66 - —
Arsenite, cns.....oz. .64 - —
Glycerophosphate, cns.....oz. .65 - —
Hydrochloride, cns.....oz. .64 - —
Hypophosphite, cns.....oz. .75 - —
Nitrate, cns.....oz. .58 - —
Phosphate, cryst., cns.....oz. .65 - —
Sulphate, cryst., cns.....oz. .42 - .45
powd., cns.....oz. .52 - .55
Sucrose octa-acetate, denat. grade, bbls., l.c.l., works. lb. .45 - —
tech., bbls., l.c.l., works....lb. .40 - —

Sugar coloring, bbls.	gal.	.65 -	1.06
Milk, bbls., c.l.	lb.	.18 -	—
l.c.l., 10 or over	lb.	.15 -	—
less than 10	lb.	.16 -	.19
Sulphonethylmethane, kgs.	lb.	6.75 -	9.50
Sulphonmethane, kgs.	lb.	6.25 -	8.50
Sulphur, crude, bulk, 1,000 tons, mines, contracts	long ton	18.00 -	—
c.l., spot, nearby	long ton	21.00 -	—
ex vessel, Baltimore, N. Y., Phila., Southern ports	long ton	22.00 -	35.00
Bost., Portland	long ton	22.50 -	35.50
flowers, bgs.	100 lbs.	3.00 -	3.75
bbls.	100 lbs.	3.35 -	4.10
ref., broken, bgs.	100 lbs.	2.15 -	2.90
bbls.	100 lbs.	2.30 -	3.05
flour, com'l, bgs.	100 lbs.	1.60 -	2.25
bbls.	100 lbs.	1.95 -	2.70
rfd., ext. fine, bbls.	100 lbs.	2.20 -	2.95
heavy, bgs.	100 lbs.	2.55 -	3.20
bbls.	100 lbs.	2.90 -	3.55
light, bgs.	100 lbs.	2.65 -	3.40
bbls.	100 lbs.	3.00 -	3.75
roll, bgs.	100 lbs.	2.35 -	3.10
bbls.	100 lbs.	2.50 -	3.25
Chloride, dms., works	lb.	.03½-	.04
tanks, works	lb.	.03 -	.04
Dioxide, liq., com'l, cyls., wks.	lb.	.07 -	.09
multi-unit cars, works	lb.	.04½-	.07
tanks, works	lb.	.04 -	.05
refrigeration, cyls., works	lb.	.11 -	.15
multi-unit cars, works	lb.	.07½-	.10
Iodide, bots., jars	lb.	3.80 -	3.85
Sumac, Sicilian, grd., bgs.	ton	55.00 -	—
Extract, 42°, bbls.	lb.	.04½-	.06½
61°, bbls.	lb.	.06½-	.08½
Stainless, bbls.	lb.	.08¼-	.09¼
Sumac, leaf, Sicilian, bls.	ton	58.00 -	—
Sunflower seed, Calif., large, bgs.	lb.	.07½-	.07⅝
medium, bgs.	lb.	.06½-	.07
poultry, bgs.		No stocks	
Hungarian medium, bgs.	lb.	.07 -	.07½
Superphosphate, guaranteed 16%, bulk, f.o.b. cars, boat, Baltimore	ton	8.00 -	—
run-of-pile, basis 16%, bulk, same basis	ton	7.50 -	—
triple, 44-45% a.p.a., bulk, f.o.b. Baltimore	unit-ton	.79 -	—

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Talc, dom., Calif., 1, bgs., c.l., mills	ton	30.00 -	—
2, bgs., c.l., mills	ton	17.00 -	—
N.Y., dbrous, 90-94% 325 mesh, bgs., c.l., mills	ton	12.00 -	—
l.c.l., mills	ton	15.00 -	—
96-98% 325 mesh, bgs., c.l., mills	ton	14.00 -	—
l.c.l., mills	ton	16.00 -	—
coarse, off color, bgs., c.l., mills	ton	10.00 -	—
Ohio, alum-magn. type, grd. bgs., c.l., mills	ton	21.00 -	—
l.c.l., mills	ton	24.50 -	—
Vermont, bgs., c.l., mills	ton	14.00 -	—
l.c.l., ex whse.	ton	25.00 -	—
Import., Canad., bgs., c.l., dlvd.	ton	22.00 -	—
l.c.l., dlvd.	ton	23.50 -	—
French, high-grade, bgs., l.c.l., ex whse.	ton	45.00 -	60.00
ordinary, bgs., c.l., ex dock, arrival	ton	22.00 -	25.00
l.c.l., ex whse.	ton	27.50 -	42.50
Italian, 1, bgs., ex dock, arrival	ton	65.00 -	67.00
ex whse.	ton	85.00 -	—
2, bgs., ex dock, arrival	ton	60.00 -	62.00
ex whse.	ton	75.00 -	—
Tallow, animal, edible, bbls.	lb.	.09	Nom.
extra, loose, works	lb.	.06⅞-	.07
special, loose, works	lb.	.06¾-	.06⅞
sulphonated, 35% (24% fat), dms., c.l.	lb.	.06 -	—
l.c.l.	lb.	.06½-	—
50% (43% fat), dms., c.l.	lb.	.06½-	—
l.c.l.	lb.	.07 -	—
50% (43% fat), dms., c.l.	lb.	.07 -	—
l.c.l.	lb.	.07½-	—
Tamarinds, W. I., bbls.	lb.	.06¼-	.08
kegs	keg	4.00 -	5.00
Tankage, animal, dom., grd. 10-15%, bulk, unit-ton.		3.75 &	.10
ungr., 10-15%, bulk, unit-ton.		3.75 &	.10
fertilizer grade, 11-15%, bulk, Chicago, unit-ton.		3.50 &	.10
high-grade feeding, bulk, Chicago, unit-ton.		4.10&.	10Nom.
import., S. Amer., bulk, c.l.f. ports, shipt., unit-ton		3.75&.	10Nom.
Tansy leaves, bls.	lb.	.18 -	.20
Tapioca flour, bgs.	lb.	.03½-	.05½
Tar, pine, retort, bbls., dlvd. ports	gal.	.26 -	—
dms., c.l., dlvd. E. cities	gal.	.26 -	—
dlvd. ports	gal.	.25 -	—
tanks, dlvd. E. cities	gal.	.20 -	—
Tar acid oil, 15%, dms.	gal.	.22½-	.23½
25%, dms.	gal.	.24½-	.25½
Tartar emetic, tech., fine gran., bbls., 5 or more	lb.	.24¾-	—
less than 5	lb.	.25 -	—
powd., bbls., 5 or more	lb.	.24¾-	—
less than 5	lb.	.25 -	—
U.S.P., powd., bbls.	lb.	.30 -	.32½
Terebene, cns.	lb.	.70 -	.75
Terpenyl acetate, cns.	lb.	.85 -	1.00
Terpin hydrate, kgs.	lb.	.45 -	.48
Terpineol, CP, cns.	lb.	.26 -	—
dms.	lb.	.22 -	—
Alpha, denat. grade, dms., c.l.	lb.	.14¾-	—
contracts	lb.	.13¾-	—
tanks	lb.	.14 -	—
contracts	lb.	.13 -	—
Terra alba (see Gypsum).			
Tetrachloroethane, dms., works	lb.	.08 -	.08½
Tetrachloroethylene, CP, dms.	lb.	.25 -	.28
tech., dms.	lb.	.10 -	.10½
Tetralin, dms.	lb.	.12 -	—
Theobromine, cns.	lb.	1.85 -	1.95
Sodiosalicylate, cns.	lb.	1.65 -	1.75
Thiocarbanilide, dms.	lb.	.20 -	—
Thorium nitrate, cs., works	lb.	2.20 -	—
Thyme, French, bls.	lb.	.10½-	.11
Thymol, bots., 100 lbs.	lb.	1.55 -	—
smaller lots	lb.	1.60 -	1.85
Iodide, kgs., 50 lbs.	lb.	3.15 -	3.20
25 lbs.	lb.	3.25 -	3.30
Timbo root, powd., imp't., 5% rotenone, bbls., ex-dock, approved assay, 15 tons	lb.	.26½-	—
5 tons, same basis	lb.	.27 -	—
4% rotenone prices 5c. per lb., less.			
Tin, crystals, bbls., kgs.	lb.	.35½-	.36
Metal, Straits	lb.	.46¼-	—
Oxide, bbls	lb.	.49 -	.51
Tetrachloride, anhyd., bbls.	lb.	.23¾-	—
Titanium, dioxide, bgs., c.l. (20 tons), E., frt. alld.	lb.	.16 -	—
Pac. cst., f.o.b. terminals	lb.	.16 -	—
l.c.l., 1,000-39,999 lbs., E. dlvd.	lb.	.16½-	—
Pac. cst., ex whse.	lb.	.16½-	—
50-999 lbs., E. dlvd.	lb.	.16¾-	—
Pac. cst., ex whse.	lb.	.16¾-	—
under 50 lbs., E. dlvd.	lb.	.19 -	—
Pac. cst., ex whse.	lb.	.19 -	—
Titanium dioxide, bbls., c.l. (20 tons) E., frt. alld.	lb.	.16½-	—
l.c.l., 1,000-39,999 lbs., E. dlvd.	lb.	.17 -	—
50-999 lbs., E. dlvd.	lb.	.17 -	—
pigment, barium base, bgs., 1,000-lb. lots, E. frt. alld.	lb.	.05¾-	—
Pac. cst., f.o.b. terminal.	lb.	.05¾-	—
50-999 lbs., E. dlvd.	lb.	.06 -	—
Pac. cst., ex whse.	lb.	.06 -	—
under 50 lbs., E. dlvd.	lb.	.06¾-	—
bbls., 1,000-lb. lots, E. frt. alld.	lb.	.06 -	—
50-999 lbs., E. dlvd.	lb.	.06¼-	—
calcium base, bgs., 1,000-lb. lots, E. frt. alld.	lb.	.05¾-	—
Pac. cst., f.o.b. terminal.	lb.	.05¾-	—
50-999 lbs., E. dlvd.	lb.	.06 -	—
Pac. cst., ex whse.	lb.	.06 -	—
under 50 lbs., E. dlvd.	lb.	.06¾-	—
bbls., 1,000-lb. lots, E. frt. alld.	lb.	.06 -	—
50-999 lbs., E. dlvd.	lb.	.06¼-	—
Tolidin base, kgs.	lb.	.85 -	.90
distilled, kgs.	lb.	.95 -	1.00
Tolu, balsams, cns.	lb.	.48 -	.53
Toluidin, mixed, dms.	lb.	.27 -	.30
Toluol (toluene), pure, dms., works	gal.	.25 -	—
tanks, E. of Omaha, frt. alld.	gal.	.20 -	—
W. of Omaha, works	gal.	.20 -	—
Tonga vine, NF, bls.	lb.	.25 -	.28
Tonga vine, NF, bls.	lb.	.28 -	.30
Triacetin, dms.	lb.	.26 -	—
Trianyl borate, dms., l.c.l., works	lb.	.27 -	—
Triamylamine, dms., l.c.l., works	lb.	1.25 -	—
Trichlorocthylene, dms., c.l., works, frt. alld. E. of Rockies	lb.	.039 -	—
W. of Rockies	lb.	.039 -	—
l.c.l., works, frt. alld. E. of Rockies	lb.	.094 -	—
W. of Rockies	lb.	.104 -	—
Tricresyl phosphate, CP, cns., dlvd.	lb.	.46½-	—
dms., c.l., dlvd.	lb.	.32½-	—
500 lbs., dlvd.	lb.	.34½-	—
tech., 1, cns., dlvd.	lb.	.25 -	—
dms., c.l., dlvd.	lb.	.23 -	—
500 lbs. dlvd.	lb.	.25 -	—
2, cns., dlvd.	lb.	.23 -	—
dms., c.l., dlvd.	lb.	.21 -	—
500 lbs., dlvd.	lb.	.23 -	—
Triethanolamine, dms., works	lb.	.26 -	.28
Triphenyl phosphate, dms.	lb.	.27 -	.28
Triphenylguanidin, dms.	lb.	.25 -	.28
Tripoli, air-floated, bgs., c.l., works	ton	27.50 -	—
l.c.l., ex whse. N.Y.	ton	40.00 -	—
1 ton, works	ton	30.00 -	—
1 bg., works	bag	4.00 -	—
double-grd., bgs., c.l., works	ton	18.00 -	—
l.c.l., 1 ton, works	ton	22.50 -	—
1 bg., works	bag	5.50 -	—
once-grd., bgs., c.l., works	ton	16.00 -	—
l.c.l., 1 ton, works	ton	20.00 -	—
1 bg., works	bag	5.00 -	—
Trisodium phosphate (see Soda phosphate, tribasic).			
Tungsten metal powd., 99%, dms.	lb.	1.80 -	1.90
Oxide, CP, kgs.	lb.	2.60 -	2.75
tech., kgs.	lb.	1.65 -	1.75
Turmeric root, Alleppy, bgs.	lb.	.06¼-	.06¾
Madras, bgs.	lb.	.06 -	.06½
Turpentine, spirits, gum, bbls., c.l., ex dock	gal.	.41½-	—
l.c.l., 10, ex dock	gal.	.43½-	—
5, ex dock	gal.	.45½-	—
wood, dest.-dist., dms., c.l., dlvd. E. ports	gal.	.36 -	—
l.c.l., same basis	gal.	.38 -	—
tanks, dlvd. E. cities	gal.	.31 -	—
steam-dist., dms., c.l., dlvd.			
steam-dist., dms., c.l., dlvd.	gal.	.29 -	—
l.c.l., dlvd.	gal.	.42 -	—
tanks, dlvd.	gal.	.34 -	—

U

Unicorn root, false (see Helonias root). True (see Aletris root).			
Uranium oxide, kgs.	lb.	1.80 -	—
Urea, dom., 46 + % N, bgs., 20 tons, f.o.b. Atl. ports or Belle, W. Va.	ton	98.00 -	—
10 to 19 tons, same basis.	ton	100.00-	—
1 to 9 tons, same basis	ton	110.00-	—
100 to 1,900 lbs., same basis, 100 lbs.		6.00 -	—
import, 46% N, bgs., 20 tons, f.o.b. Atl. ports, shipt.	ton	95.00 -	—
10 to 19 tons, same basis.	ton	100.00-	—
1 to 9 tons, same basis	ton	110.00-	—
100 to 1,900 lbs., same basis, 100 lbs.		6.00 -	—
pure, cs.	lb.	.14½-	.16½
Urea-ammonia liquor, 55% ammon., tanks, f.o.b. Atl. ports, unit-ton.		No prices	
Uva ursi leaves, bls.	lb.	.06 -	.09

V

Valonia, beards, bgs., shipt.	ton	46.00 -	—
Cups, bgs., shipt.	ton	34.00	Nom.
Vanilla beans, Bourbon, tins	lb.	3.25 -	3.75
Mexican, tins	lb.	3.25 -	4.50
cut, tins	lb.	3.00 -	3.25
South American, tins	lb.	3.00 -	3.25
Vanillin, ex eugenol, tins, 100 lbs.	lb.	3.75 -	—
less than 100 lbs.	lb.	3.85 -	4.35
ex guaiacol, tins, 100 lbs.	lb.	3.65 -	—
less than 100 lbs.	lb.	3.75 -	4.25
Venice turpentine, true, cs.	lb.	.47 -	.49
Verdigris, kgs.	lb.	.24	Nom.
Violet, methyl, toner (see M).			
V.M.P. naphtha (see petroleum naphtha, v.m.p.).			

W

Wahoo root, bark, bls.	lb.	.60 -	.65
tree, barks, bls.	lb.	.19 -	.20
Wattle bark, bgs., shipt.	ton	30.00 -	31.00
Extract, 60°, bbls.	lb.	.03¾-	—
Wax, bayberry, import, bgs.	lb.	.17½-	.20
Bees, white, bleach., slabs., cs., 500 lbs.	lb.	.36 -	.38
yellow, crude, Africa, bgs., lots of 10.	lb.	.25½-	.26
1 bg.	lb.	.26 -	.26½
Brazil, Chile, bgs., 5-10 tons	lb.	.27½-	.28
1 ton	lb.	.28 -	.28½
500 lbs.	lb.	.28½-	.29
100 lbs.	lb.	.29 -	.29½
refd., slabs, cs., 500 lbs.	lb.	.28 -	.30
Wax, candelilla, bgs., 1 ton	lb.	.16 -	.17
jobbing lots	lb.	.16½-	.17½
Carnauba, chalky 3, bgs., 1 ton.	lb.	.34 -	.34½
5 bags	lb.	.34½-	.35
1 bg.	lb.	.35 -	.35½
N. C. 2 bgs.	lb.	.38½-	.37
N. C. 3, bgs., 1 ton	lb.	.34½-	.35
5 bgs.	lb.	.35 -	.35½
1 bg.	lb.	.35½-	.36
refined, bgs.	lb.	.39½-	.40
yellow, 1, bgs., 1 ton	lb.	.45 -	.45½
5, bgs.	lb.	.45½-	.46
1, bgs.	lb.	.46 -	.46½
2, bgs.	lb.	.44 -	.45
Ceresin, dom., 138°-140° m.p., bgs., 1 ton	lb.	.08 -	—
jobbing lots	lb.	.09 -	—
150°-160° m.p., bgs., 1 ton	lb.	.09 -	—
jobbing lots	lb.	.10 -	—
160° m.p., bgs., 1 ton	lb.	.10 -	—
jobbing lots	lb.	.11 -	—
Japan, cs.	lb.	.08½-	.08¾
Montan, bgs., c.l.	lb.	.10¾-	.11¼
5 tons	lb.	.11 -	.11½
less than 1 ton	lb.	.11¼-	.11¾
Ozokerite, hard green, congeal p. 66°-68° C., bgs.	lb.	.32	Nom.
70°-72° C., bgs.	lb.	.35	Nom.
74°-76° C., bgs.	lb.	.38	Nom.
snow-white, pure, 76°-78° C., bgs.	lb.	.45 -	.46
yellow, natural, 76°-78° C., bgs.	lb.	.35 -	.36
Paraffin (see P).			
Spermaceti, blocks, cs.	lb.	.23 -	.24
cakes, cs.	lb.	.24 -	.25
White lead (see Lead, white).			
White pine bark, rossed, bls.	lb.	.05½-	.06
White precipitate, powd., bbls., bxs., fib. dms.	lb.	1.66 -	—
Whiting, chalk, comm., dry-grd., bip. bgs., c.l., works	ton	12.00 -	—
l.c.l., works	ton	14.00 -	—
bbls., c.l., works	ton	15.00 -	16.50
l.c.l., works	ton	17.00 -	—
pap. bgs., c.l., works	ton	11.20 -	12.50
l.c.l., works	ton	12.20 -	14.50
wet-grd., bgs., c.l., works	ton	14.50 -	15.00
l.c.l., works	ton	15.00 -	19.00
bbls., c.l., works	ton	17.00 -	18.00
l.c.l., works	ton	18.50 -	20.00
gilder's, bolted, bip. bgs., c.l., works	ton	15.00 -	—
l.c.l., works	ton	15.00 -	—
bbls., c.l., works	ton	16.00 -	19.50
l.c.l., works	ton	19.00 -	20.00
pap. bgs., c.l., works	ton	14.60 -	15.50
l.c.l., works	ton	15.60 -	16.50
extra bolted, bip. bgs., c.l., works	ton	15.00 -	—
l.c.l., works	ton	15.00 -	—
extra bolted, bbls., c.l., works	ton	18.00 -	22.50
l.c.l., works	ton	19.00 -	22.00
pap. bgs., c.l., works	ton	14.60 -	17.50
l.c.l., works	ton	15.60 -	18.50
Paris white, bip. bgs., c.l., works	ton	15.00 -	—
works	ton	15.00 -	—
l.c.l., works	ton	16.00 -	—
bbls., c.l., works	ton	18.00 -	24.00
l.c.l., works	ton	19.00 -	25.00
pap. bgs., c.l., works	ton	14.60 -	20.00
l.c.l., works	ton	15.60 -	21.50
English cliffstone (see Whiting, chalk, Paris white).			
limestone, air floated, 99.75% 300 mesh, bgs. (extra), c.l., frt. alld. to $3 per ton	ton	10.00 -	—
99.75% 200 mesh, bgs., c.l., same basis	ton	9.00 -	—
95-98% 200 mesh, c.l., same basis	ton	7.50 -	—
40-98% 200 mesh, c.l., same basis	ton	6.50 -	—
gilders, bgs. (extra), c.l., works	ton	11.50 -	—
l.c.l., 8-20 tons, works	ton	12.50 -	—
4-8 tons, works	ton	13.50 -	—
2-4 tons, works	ton	14.50 -	—
extra, ngs. (extra), c.l., works	ton	12.50 -	—
l.c.l., 8-20 tons, works	ton	13.50 -	—
4-8 tons, works	ton	14.50 -	—
2-4 tons, works	ton	15.50 -	—
putty grade, bgs. (extra), c.l., works	ton	11.00 -	—
l.c.l., 8-20 tons, works	ton	12.00 -	—
4-8 tons, works	ton	13.00 -	—
2-4 tons, works	ton	14.00 -	—
water-floated, bgs. (extra), c.l., works	ton	11.50 -	—
l.c.l., 8-20 tons, works	ton	12.50 -	—
4-8 tons, works	ton	13.50 -	—
2-4 tons, works	ton	14.50 -	—
precipitated, bgs., c.l., works	ton	15.00 -	—
l.c.l., 6 tons, works	ton	20.00 -	—
smaller lots, works	ton	25.00 -	—
Wild cherry bark, thick, natural, rossed, bls.	lb.	.04½-	.05
thin, natural, bls.	lb.	.05½-	.07
rossed, green, bls.	lb.	.03 -	.05¼
Wild indigo root, bgs.	lb.	.09 -	.10
Witch-hazel extract, dist., NF, bbls., gal.	gal.	.55 -	.65
Leaves, bls.	lb.	.07 -	.08
Witherite (see Barium carbonate, natural).			
Woodflour, dom., fine, bgs., c.l., works	ton	24.00 -	30.00
standard, bgs., c.l., works	ton	18.00 -	24.00
Import, 40-70 mesh, bgs., ex dock	ton	20.00 -	—
80-100 mesh, bgs., ex dock	ton	26.50 -	—
120 mesh, bgs., ex dock	ton	31.00 -	—
Wormseed, American, bgs.	lb.	.04 -	.07
Levant, bgs.	lb.	3.90 -	4.00
Wormwood, bls.	lb.	.09 -	.10

X

Xylol (xylene), comi., dms., works	gal.	.25 -	—
tanks, E. of Omaha, frt. alld.	gal.	.20 -	—
W. of Omaha, works	gal.	.20 -	—
nitration, dms., works	gal.	.46 -	—
tanks, E. of Omaha, frt. alld.	gal.	.41 -	—
W. of Omaha, works	gal.	.41 -	—
Xylol (xylene), 5°, dms., works	gal.	.41 -	—
tanks, E. of Omaha, frt. alld.	gal.	.36 -	—
W. of Omaha, works	gal.	.36 -	—
10°, dms., works	gal.	.38 -	—
tanks, E. of Omaha, frt. alld.	gal.	.33 -	—
W. of Omaha, works	gal.	.33 -	—
Xylidin, mixed, dms.	lb.	.36 -	.37

Y

Yara yara, cryst., cns.	lb.	1.25 -	1.35
Yellow, cadmium, CP, import., bxs.	lb.	2.50 -	—
Lithopone, all shades, bbls., 1 ton, works, frt. alld.	lb.	.40 -	—
smaller lots, same basis.	lb.	.45 -	—
kgs., same basis.	lb.	.50 -	—
Sulphide, orange, bbls., works	lb.	.80 -	.85
Yellow, bbls., works	lb.	.90 -	1.00

Sugar Coloring—Zinc Oxide

Yellow, chrome, CP, bbls, dlvd. N of Tenn. and N.C. E. of Miss. R, including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts	lb.	.12 -	—
open order	lb.	.13 -	—
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1½c. higher dlvd. Tex. (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.			
Dutch pink, bbls.	lb.	.08 -	.10
Mercury oxide (see M).			
Ocher, American, golden, A, bbls., works	lb.	.06½-	—
B, bbls., works	lb.	.04½-	—
C, bbls., works	lb.	.03½-	—
yellow, A, bbls., works	lb.	.02¾-	—
B, bbls., works	lb.	.02½-	—
C, bbls., works	lb.	.02 -	—
D, bbls., works	lb.	.0195-	—
E, bbls., works	lb.	.01775-	—
F, bbls., works	lb.	.01½-	—
G, bbls., works	lb.	.01¾-	—
d, bbls., works	lb.	.01¼-	—
French, all shades, cks., c.l., ex car L. Angeles	lb.	.0335-	—
ex dock Balto., Bost., N. Orleans, Phila. (dlvd. or f.o.b., 10c. per 100 lbs. additional	lb.	.02¾-	—
Port., S. Francisco, S. Pedro, Seattle	lb.	.03225-	—
f.o.b. N.Y.	lb.	.02¾-	—
l.c.l., dlvd. Brook., Hoboken, J. City, L. I. City, N.Y. (Newark, 5c. per 100 lbs. additional), from dock	lb.	.02¾-	—
from whse.	lb.	.03¼-	—
ex car L. Angeles	lb.	.03½-	—
ex dock Balto., Bost., N. Orleans, Phila. (dlvd. or f.o.b., 10c. per 100 lbs. additional	lb.	.02¾-	—
Port., S. Francisco, N. Y.	lb.	.02¾-	—
S. Pedro, Seattle	lb.	.03¾-	—
ex whse, Balto., Bost., N. Orleans, Phila., (dlvd. or f.o.b., 10c. per 100 lbs. additional)	lb.	.03 -	—
Chi., E. St. Louis, Indipolis., K. City, Milwk., St. Louis (dlvd. or f.o.b., 10c. per 100 lbs. additional)	lb.	.03¾-	—
L. Angeles, Port., S. Francisco, Seattle	lb.	.03¾-	—
Minneap. (dlvd. or f.o.b., 10c. per 100 lbs. additional	lb.	.03¾-	—
N. Y.	lb.	.03¼-	—
Pitsbgh. (dlvd. or f.o.b., 10c. per 100 lbs. additional)	lb.	.03½-	—
f.o.b. Bethlehem, Easton	lb.	.03½-	—
N.Y., from dock	lb.	.02¾-	—
from whse.	lb.	.03½-	—
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, N.Y.	lb.	.01½-	—
l.c.l., same basis	lb.	.04¾-	—
synth., bbls., c.l., works	lb.	.06¾-	—
l.c.l., works	lb.	.07 -	.07½
Yellow, Persian orange (see O)			
Zinc, bbls., same basis chrome CP, contracts	lb.	.18 -	—
open order	lb.	.19 -	—
Yellow dock root, bls.	lb.	.09 -	.11
Yellow root (xanthorina), bls.	lb.	.09 -	.10
Yerba santa leaves, bls.	lb.	.06 -	.09
Yohimbine hydrochloride, vls. oz.		2.60 -	2.85

Z

Zinc, arsenite, bgs., cs., c.l., consumers	lb.	.09¾-	.12¾
dealers	lb.	.09¾-	.12¾
jobbers, E. of Rockies	lb.	.09¼-	.11¾
l.c.l., consumers, 5,000 lbs. or over	lb.	.10¼-	.12¼
1,000-5,000 lbs.	lb.	.11 -	.14
less than 1,000 lbs.	lb.	.11¼-	.14¼
dealers, 5,000 lbs. or over	lb.	.10¼-	.12¼
1,000-5,000 lbs.	lb.	.10¾-	.13¼
less than 1,000 lbs.	lb.	.11 -	.14
jobbers, E. of Rockies	lb.	.10 -	.13
Zinc arsenite prices are works or whse. basis, frt. alld. to dest. in lots of 90 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.			
Carbonate, tech., bbls.	lb.	.09 -	.10½
U.S.P., precip., powd., bbls.	lb.	.81 -	.83
Chloride, fused, dms., works	lb.	.04½-	.05¾
gran., dms., works	lb.	.06 -	.06¾
solution, dms., works	lb.	.04½-	—
tanks, works	lb.	.02 -	—
Cyanide, kgs., works	lb.	.35 -	.37
Dust, bbls., c.l., dlvd.	lb.	.0625-	—
l.c.l., 10,000 lbs. or over, dlvd.	lb.	.0760-	—
less than 10,000 lbs., dlvd.	lb.	.0810-	—
Fluoride, bbls.	lb.	.20 -	.26
Iodide, bots., jars	lb.	4.00 -	4.05
Zinc metal (see daily quotations in market report).			
Oxide, pigment, dom., Amer. process, comi., lead-free, bgs., c.l., dlvd.	lb.	.05¼-	—
l.c.l., dlvd. except Pac. cst.	lb.	.05½-	—
ex whse., Pac. cst.	lb.	.05½-	—
bbls., c.l., dlvd.	lb.	.05½-	—
l.c.l., dlvd., except Pac. cst.	lb.	.05¾-	—
ex-whse., Pac. cst.	lb.	.05¾-	—
leaded, 5%, 35%, bgs., c.l., dlvd.	lb.	.05½-	—
l.c.l., dlvd., except Pac. cst.	lb.	.05¾-	—
ex whse., Pac. cst.	lb.	.05¾-	—
bbls., c.l., dlvd.	lb.	.05¾-	—
l.c.l., dlvd., except Pac. cst.	lb.	.06¾-	—
ex-whse., Pac. cst.	lb.	.05¾-	—
50%, bgs., c.l., dlvd.	lb.	.05¼-	—
l.c.l., dlvd., except Pac. cst.	lb.	.05½-	—
ex-whse., Pac. cst.	lb.	.05½-	—
bbls., c.l., dlvd.	lb.	.05½-	—
l.c.l., dlvd., except Pac. cst.	lb.	.05¾-	—
ex-whse., Pac. cst.	lb.	.05¾-	—
French process, comi., lead-free, bgs., c.l., dlvd.	lb.	.05½-	—
l.c.l., dlvd. except Pac. cst.	lb.	.05½-	—
ex whse., Pac. cst.	lb.	.05½-	—
bbls., c.l., dlvd.	lb.	.05½-	—
l.c.l., dlvd., except Pac. cst.	lb.	.05¾-	—
ex-whse., Pac. cst.	lb.	.05¾-	—
green seal, bgs., c.l., dlvd.	lb.	.06¼-	—

SEALED FOR YOUR PROTECTION

This new tamper-proof seal for drums of Glyptal solutions provides complete protection in transit against dilution, leakage or substitution. To you, the mention of this seal may seem a minor detail but it is indicative of the care and precautions General Electric takes to manufacture and deliver to you Glyptal solutions of high quality that meet specifications.

There are many grades of Glyptal alkyd solutions from which you can select those that meet your vehicle requirements. You will find all solutions stable and uniform and their behavior with pigments excellent. Why not be sure of the best and specify G-E Glyptal? For complete information, write to Section M-8211, Appliance and Merchandise Department, General Electric Company, Bridgeport, Connecticut.

GENERAL ELECTRIC

GLYPTAL

APPLIANCE AND MERCHANDISE DEPARTMENT, GENERAL ELECTRIC COMPANY, BRIDGEPORT, CONNECTICUT

Zinc, oxide, pigment, dom., French process, green seal, bgs., l.c.l., dlvd., except Pac. cst.	lb.	.06½- —
ex whse., Pac. cst.	lb.	.06½- —
bbls, c.l., dlvd.	lb.	.06½- —
l.c.l., dlvd., except Pac. cst.	lb.	.06¾- —
ex-whse., Pac. cst.	lb.	.06¾- —
red seal, bgs., c.l., dlvd.	lb.	.05¾- —
l.c.l., dlvd. except Pac. cst.	lb.	.06 - —
ex whse., Pac. cst.	lb.	.06 - —
bbls., c.l., dlvd.	lb.	.06 - —
l.c.l., dlvd., except Pac. cst.	lb.	.06¼- —
ex-whse., Pac. cst.	lb.	.06¼- —
white seal, bgs., c.l., dlvd.	lb.	.06¾- —
l.c.l., dlvd. except Pac. cst.	lb.	.07 - —
ex whse., Pac. cst.	lb.	.07 - —
bbls., c.l., dlvd.	lb.	.07 - —
l.c.l., dlvd., except Pac. cst.	lb.	.07¼- —
ex-whse., Pac. cst.	lb.	.07¼- —
import., gold seal, cks., ex dock	lb.	.10⅞- 11⅛
green seal, bbls., 1-15 tons, ex dock	lb.	.07½- .08⅜
ex whse.	lb.	.07⅝- .09⅜
red seal, bbls., 1-15 tons, ex dock	lb.	.06⅝- —
ex whse.	lb.	.09 - —
white seal, cks., lots of 3, ex dock	lb.	.09⅜- —
ex whse.	lb.	.10 - —
smaller lots, ex dock	lb.	.10 - —
ex whse.	lb.	.10¼- —
USP, bbls., c.l.	lb.	.08 - —
l.c.l.	lb.	.08¼- —
Palmitate, bbls.	lb.	.22 - .28
Resinate, fused, pale, bbls.	lb.	.09 - .10
precip., dms., dlvd.	lb.	.15 - —
Stearate, tech., precip., bbls., ctns., c.l.	lb.	.20 - —
l.c.l., 1 ton	lb.	.21 - —
1,000-2,000 lbs.	lb.	.22 - —
less than 1,000 lbs.	lb.	.23 - —
USP, bbls.	lb.	.21 - .23
Sulphate, cryst., bgs., c.l.	lbs	2.65 - —
l.c.l.	100 lbs.	3.15 - —
bbls., c.l.	100 lbs.	2.80 - —
l.c.l.	100 lbs.	3.30 - —
flake, bgs., c.l.	100 lbs.	3.05 - —
l.c.l.	100 lbs.	3.55 - —
bbls., c.l.	100 lbs.	3.20 - —
l.c.l.	100 lbs.	3.70 - —
powd., bgs., c.l.	100 lbs.	4.25 - —
l.c.l.	100 lbs.	4.85 - —
bbls., c.l.	100 lbs.	4.50 - —
l.c.l.	100 lbs.	5.00 - —
Sulphide, bgs., c.l. (20 tons), dlvd.	lb.	.10½- —
l.c.l., 5 tons, dlvd. E. or ex whse., Pac. cst.	lb.	.11 - —
1 ton, same basis	lb.	.11¼- —
smaller lots, same basis	lb.	.11½- —
bbls., c.l. (20 tons), dlvd.	lb.	.10¾- —
l.c.l., 5 tons, dlvd. E. or ex-whse. Pac. cst.	lb.	.11¼- —
1 ton, same basis	lb.	.11½- —
smaller lots, same basis	lb.	.11¾- —
Sulphocarbolate, NF, bbls.	lb.	.24 - .28
Zinc-ammonia chloride, cks.	lb.	.0465- .05
Zinc-iron oxide pigment, bgs., c.l., dlvd.	lb.	.08¾- —
l.c.l., dlvd. except Pac. cst.	lb.	.04½- —
ex whse., Pac. cst.	lb.	.04½- —
Zirconium nitrate, kgs., works	lb.	3.00 - 4.00
Oxide, crude, 73-75%, grd., bbls., works	ton.	75.00 -160.00
kgs., small lots, works	lb.	.04½- .04¾
white, 99%, grd., kgs., works	lb.	1.40 - 1.50

Synthetic Resins and other Branded Paint Materials

(Manufacturers' List Prices)

A

Abalyn resin, 55-gal. dms., non-returnable, works	lb.	.16 - —

B

Bakelite, BR, 254, dms., 30,000 lbs., works	lb.	.48 - —
15,000 lbs., works	lb.	.49 - —
5,000 lbs., works	lb.	.50 - —
802, dms., 30,000 lbs., works	lb.	.26 - —
15,000 lbs., works	lb.	.26½- —
5,000 lbs., works	lb.	.27 - —
1329, dms., 30,000 lbs., works.	lb.	.32 - —
15,000 lbs., works	lb.	.33 - —
5,000 lbs., works	lb.	.34 - —
2072, dms., 30,000 lbs., works.	lb.	.23 - —
15,000 lbs., works	lb.	.23½- —
5,000 lbs., works	lb.	.24 - —
2963, dms., 30,000 lbs., works.	lb.	.24 - —
15,000 lbs., works	lb.	.24½- —
5,000 lbs., works	lb.	.25 - —
3360, dms., 30,000 lbs., works.	lb.	.45 - —
15,000 lbs., works	lb.	.46 - —
5,000 lbs., works	lb.	.47 - —
4036, dms., 30,000 lbs., works.	lb.	.40 - —
15,000 lbs., works	lb.	.41 - —
5,000 lbs., works	lb.	.42 - —
6717, dms., 30,000 lbs., works.	lb.	.26 - —
15,000 lbs., works	lb.	.29 - —
5,000 lbs., works	lb.	.30 - —
6769, dms., 30,000 lbs., works.	lb.	.33 - —
15,000 lbs., works	lb.	.34 - —
5,000 lbs., works	lb.	.35 - —
8882, dms., 30,000 lbs., works.	lb.	.44 - —
15,000 lbs., works	lb.	.45 - —
5,000 lbs., works	lb.	.46 - —
XJ, 2681, dms., 30,000 lbs., works.	lb.	.21½- —
15,000 lbs., works	lb.	.22 - —
5,000 lbs., works	lb.	.22½- —
XR, 2175, dms., 30,000 lbs., works.	lb.	.23 - —
15,000 lbs., dms., works.	lb.	.23½- —
5,000 lbs., dms., works.	lb.	.24 - —
2987, dms., 30,000 lbs., works.	lb.	.32 - —
15,000 lbs., works	lb.	.33 - —
5,000 lbs., works	lb.	.34 - —
3180, dms., 30,000 lbs., works.	lb.	.59 - —
15,000 lbs., works	lb.	.60 - —
5,000 lbs., works	lb.	.61 - —
Bronze gum, 1, dms., works	lb.	.11 - —
3, dms., works	lb.	.09 - —

C

Cumar, AX, dms., works	lb.	.05 - .06
BX, dms., works	lb.	.05 - .06
CX, dms., gross weight, works.	lb.	.03 - .04
DX, dms., gross weight, works.	lb.	.03 - .04
EX, dms., gross weight, works.	lb.	.03 - .04
FX, dms., gross weight, works.	lb.	.03½- .04½
MH, col. ½, dms., works	lb.	.09¾- .10¾
1, dms., works	lb.	.09 - .10
1½-2, dms., works	lb.	.08¼- .09¼
2½ and darker, dms., works.	lb.	.07½- .08¼
MS, dms., works	lb.	.08 - .09
P, 10°-90° C., above col. 3, dms., works	lb.	.08¼- .09¼
RH, dms., works	lb.	.08 - .09
RS, dms., works	lb.	.08 - .09
special soft, dms., works	lb.	.08 - .09
V, col. ½, dms., work	lb.	.09¾- .10¾
1, dms., works	lb.	.09 - .10
1½-2, dms., works	lb.	.08¼- .09¼
2½ and darker, dms., works.	lb.	.07½- .08¼
W, col. ½, dms., works	lb.	.10¾- .11¾
1, dms., works	lb.	.10 - .11
1½-2, dms., works	lb.	.09¼- .10¼
2½ and darker, dms., works.	lb.	.08½- .09¼

Cumar prices include frt. equald.; prices at left are for 6-mos. firm contracts for 50,000 lbs. or more; 6-mos. firm contracts, 25,000-50,000 lbs., add ½c.; 6-mos. firm contracts less than 25,000 lbs., add ¾c.; prices at right are on open order.

D

Durez, 210, dms., c.l., works	lb.	.15 - —
l.c.l., works	lb.	.15½- .16½
500, pale, dms., c.l., works	lb.	.35 - —
l.c.l., works	lb.	.36 - .38
525, dark, dms., c.l., works	lb.	.25 - —
l.c.l., works	lb.	.26 - .28
Durez, 550, very pale, dms., c.l., works	lb.	.45 - —
l.c.l., works	lb.	.46 - .48

Durez prices, ex whse. Pac. cst., are 2c. higher.

Durite, 1,301 dms., 1 ton, frt. alld.	lb.	.30 - —
smaller lots, frt. alld.	lb.	.35 - —

F

Flat gum, 1, dms., works	lb.	.14½- —

G

Gual-a-phene, 10-gal. cns., works	gal.	2.57 - —
5-gal. cns., works	gal.	2.62 - —
1-gal. cns., works	gal.	2.82 - —
dms., works	gal.	2.50 - —

H

Hercolyn, dms. (nonreturnable), works	lb.	.22 - —

I

Imperial gum, BK, dms., 75,000 lbs., contr. or c.l., dlvd.	lb.	.07¾- —
3,000 lbs., dlvd.	lb.	.08 - —
smaller lots, dlvd.	lb.	.08¼- —
X, pale, or hard, pale, dms., 75,000 lbs., contr. or c.l., dlvd.	lb.	.07¾- —
3,000 lbs., dlvd.	lb.	.08 - —
smaller lots, dlvd.	lb.	.08¼- —
8, 8H, 8L, dms., 75,000 lbs., contr. or c.l., dlvd.	lb.	.07¾- —
3,000 lbs., dlvd.	lb.	.08 - —
smaller lots, dlvd.	lb.	.08¼- —
18-20, dms., 75,000 lbs., contr. or dlvd.	lb.	.07¾- —
3,000 lbs., dlvd.	lb.	.08 - —
smaller lots, dlvd.	lb.	.08¼- —
45, dms., 75,000 lbs., contr. or c.l., dlvd.	lb.	.07¾- —
3,000 lbs., dlvd.	lb.	.08 - —
smaller lots, dlvd.	lb.	.08¼- —
100, dms., 75,000 lbs., contr. or c.l., dlvd.	lb.	.07 - —
3,000 lbs., dlvd.	lb.	.07¼- —
smaller lots, dlvd.	lb.	.07½- —

J

Jonite (see Zinc-iron oxide pigment in regular price list above).

K

Kadox (zinc oxide), black, blue, or red label, bgs., c.l., dlvd.	lb.	.05 - —
l.c.l., dlvd. E. of Rockies	lb.	.05¼- —
Pac. cst., ex whse.	lb.	.05¼- —
bbls., c.l., dlvd.	lb.	.05¼- —
l.c.l., dlvd. E. of Rockies	lb.	.05½- —
Pac. cst., ex whse.	lb.	.05½- —

L

Lewisol, 1, dms., c.l., works	lb.	.13¼- —
l.c.l., works	lb.	.13½- .14
2, dms., c.l., works	lb.	.15¼- —
l.c.l., works	lb.	.15½- .16
3, dms., c.l., works	lb.	.20¼- —
l.c.l., works	lb.	.20½- .21
18, dms., c.l., works	lb.	.10¾- —
l.c.l., works	lb.	.11 - .11½
115, dms., c.l., works	lb.	.11¼- —
l.c.l., works	lb.	.11½- .12
120, dms., c.l., works	lb.	.13¼- —
l.c.l., works	lb.	.13½- .14
125, dms., c.l., works	lb.	.11¼- —
l.c.l., works	lb.	.11½- .12
150, dms., c.l., works	lb.	.17¼- —
l.c.l., works	lb.	.17½- .18
Locto, 545, bbls, works	lb.	.43 - .45
2102, bbls., works	lb.	.28 - .30

N

Nevillac, dms., works	lb.	.14 - .15

Nevillac prices include frt. equald.; prices left are for 6-mos. firm contracts for 50,000 lbs. or over; 6-mos. firm contracts, 25,000-50,000 lbs., add ½c.; 6-mos. contracts, less than 25,000 lbs., add ¾c.; prices at right are on open order.

Neville resin, R-3, nevindene, col. 1, dms., works	lb.	.10 - .11
R-5, nevindene, col. 1½-2, dms., works	lb.	.09¼- .10¼
R-6, nevindene, col. 2½ and darker, dms., works	lb.	.08¼- .09¼
R-7, N.P.S., col. below 3, dms., works	lb.	.10 - .11
R-8, N.P.S., col. below 3, dms., works	lb.	.10½- .11½
R-10, hard, col. 1, dms., works	lb.	.09 - .10
R-11, hard, col. 1½-2, dms., works	lb.	.08¼- .09¼
R-12, hard, col. 2½ and darker, dms., works	lb.	.07½- .08½
R-14, medium, col. 1, dms., works	lb.	.09 - .10
R-15, medium, col. 1½-2, dms., works	lb.	.08¼- .09¼
R-16, medium, col. 2½ and darker, dms., works	lb.	.07¼- .08½
R-17, medium soft, col. 3½-8, dms., works	lb.	.08 - .09
R-19, medium soft, col. 3½-8, dms., works	lb.	.08 - .09
R-21, soft, col. 3½-8, dms., works	lb.	.08 - .09
R-22, special, soft, col. 3½-8, dms., works	lb.	.08 - .09
R-28, medium soft, col. 1½-2, dms., works	lb.	.09¼- .10¼
R-29, medium soft, col. 2½ and darker, dms., works	lb.	.08½- .09½
R-41, phenester, col. 3½-5, dms., works	lb.	.15 - .16

Neville resin prices are on same basis as those for Nevillac.

Nuodex drier, liquid, cobalt, 4%, dms., dlvd.	lb.	.20¾- —
6%, dms., dlvd.	lb.	.24½- .26½
lead, 16%, dms., dlvd.	lb.	.12 - .14
24%, dms., dlvd.	lb.	.16 - .19
manganese, 4%, dms., dlvd.	lb.	.12 - .13
6%, dms., dlvd.	lb.	.14 - .15
zinc, 8%, dms., dlvd.	lb.	.17 - .18
solid, cobalt, 12%, dms., dlvd.	lb.	.46 - —
lead, 40%, dms., dlvd.	lb.	.28 - —
manganese, 11%, dms., dlvd.	lb.	.25 - —
zinc, 12%, dms., dlvd.	lb.	.26 - —

P

Pliolite, milled, dms., 1 ton, works	lb.	.75 - —
smaller lots, works	lb.	.79 - —
unmilled, dms., 1 ton, works	lb.	.66 - —
smaller lots, works	lb.	.69 - —

S

Soligen drier, liquid, cobalt 6%, dms., 10, works	lb.	.23½- —
less than 10, works	lb.	.25½- —
lead, 10%, dms., 10, works	lb.	.12 - —
less than 10, works	lb.	.14 - —
25%, dms., 10, works	lb.	.19 - —
less than 10, works	lb.	.21 - —
manganese, 6%, dms., 10, works	lb.	.14 - —
less than 10, works	lb.	.16 - —
zinc, 7%, dms., 10, works	lb.	.18 - —
less than 10, works	lb.	.20 - —
solid, cobalt, dms., 10, works	lb.	.45 - —
less than 10, works	lb.	.47 - —
solid, lead, dms., 10, works	lb.	.24 - —
less than 10, works	lb.	.26 - —
lead-cobalt, dms., 10, works	lb.	.29 - —
less than 10, works	lb.	.31 - —
lead-cobalt-manganese, dms., 10, works	lb.	.30 - —
less than 10, works	lb.	.32 - —
lead-manganese, dms., 10, works	lb.	.24 - —
less than 10, works	lb.	.26 - —
manganese, dms., 10, works	lb.	.24 - —
less than 10, works	lb.	.26 - —
Surfex, bgs., c.l., frt. alld. up to 25c. per 100 lbs.	ton.	35.00 - —

V

Varcum, 250, dms., 25, works	lb.	.42 - —
less than 25, works	lb.	.43 - .44
250 F, dms., 25, works	lb.	.44 - —
less than 25, works	lb.	.45 - .46
365, dms., 25, works	lb.	.25 - —
less than 25, works	lb.	.26 - .27
700, dms., 25, works	lb.	.30 - —
less than 25, works	lb.	.31 - .32

Dividends Reported Since Last Publication

	Stock.	Class.	Amount.	Payable.	Of record.
Alaska Packers Assn	.....	Q.	$2.00	Nov. 10	Oct. 31
American Can Co	Com.	Q.	$1.00	Nov. 16	Oct. 26
American Chicle Co	Com.	Q.	$1.00	Dec. 15	Dec. 1
American Chicle Co	Com.	Spl.	$1.50	Dec. 15	Dec. 1
Bourjois, Inc	Pfd.	Q.	68¾c.	Nov. 16	Nov. 2
Chile Copper Co	.....	..	25c.	Nov. 21	Nov. 2
Consolidated Oil Corp	Pfd.	Q.	$1.25	Dec. 1	Nov. 16
Consolidated Royalty Oil Co	Com.	Q.	5c.	Oct. 25	Oct. 15
Dominigues Oil Fields Co	.....	..	25c.	Oct. 31	Oct. 24
Dow Chemical Co	Pfd.	..	$1.25	Nov. 16	Nov. 2
Dow Chemical Co	Com.	..	60c.	Nov. 16	Nov. 2
Dow Drug Co	Com.	..	15c.	Nov. 16	Nov. 5
Emerson Drug Co	Cl. A	Q.	40c.	Nov. 2	Oct. 23
Emerson Drug Co	Cl. B	Q.	40c.	Nov. 2	Oct. 23
Eureka Pipe Line Co	.....	..	$1.00	Nov. 2	Oct. 15
Great Western Electro Chemical Co.	Com.	..	80c.	Nov. 16	Nov. 4
Hercules Powder Co	Pfd.	Q.	$1.75	Nov. 14	Nov. 2
Indiana Pipe Line Co	Com.	..	20c.	Nov. 14	Oct. 23
Indiana Pipe Line Co	Com.	Ext.	20c.	Nov. 14	Oct. 23
Leslie-California Salt Co	Com.	Ext.	75c.	Nov. 26	.....
				Oct. 26	Oct. 16
Metal & Thermit Corp	Com.	Q.	$1.00	Nov. 2	Oct. 20
McIntyre Porcupine Mines Co	Com.	Q.	50c.	Dec. 1	Nov. 2
Mid-Continent Petroleum Corp	.....	..	75c.	Dec. 1	Nov. 2
Minneapolis-Honeywell Regulator Co.	Com.	Q.	37½c.	Nov. 20	Nov. 4
Minneapolis-Honeywell Regulator Co.	Com.	Ext.	12½c.	Nov. 20	Nov. 4
National Can Co	SD	..	33⅓%	.....	.....
National Lead Co	B pfd.	Q.	$1.50	Nov. 2	Oct. 16
New Jersey Zinc Co	.....	Q.	50c.	Nov. 10	Oct. 20
North American Oil Consolidated Co.	.....	..	20c.	Nov. 5	Oct. 26
Owens-Illinois Glass Co	Com.	..	$2.25	Nov. 15	Oct. 30
Package Machinery Co	Pfd.	Q.	$1.75	Nov. 2	Oct. 19
Pacific Tin Corp	Spl.	Q.	50c.	Nov. 2	Oct. 19
Pacific Tin Corp	Spl.	Ext.	50c.	Nov. 2	Oct. 19
Procter & Gamble Co	Com.	Q.	37½c.	Nov. 14	Oct. 23
Rio Tinto Co	Pfd.	S.	2s. 6d.	Nov. 2	.....
Root Petroleum Co	Com.	..	25c.	Nov. 1	Oct. 19
Sharp & Dohme	A pfd.	Q.	87½c.	Nov. 2	Oct. 16
Sherwin-Williams Co	Com.	Q.	$1.00	Nov. 16	Oct. 31
Signal Oil & Gas Co	Cl. A	..	25c.	Oct. 15	Oct. 10
Signal Oil & Gas Co	Cl. A	Ext.	10c.	Oct. 15	Oct. 10
Smith Agricultural Chemical Co	Com.	Q.	12½c.	Nov. 2	Oct. 21
Smith Agricultural Chemical Co	Pfd.	Q.	$1.50	Nov. 2	Oct. 21
Squibb (E. R.) & Sons Co	Pfd.	Q.	$1.50	Nov. 2	Oct. 15
Sun-Ray Drug Co	Pfd.	Q.	87½c.	Nov. 2	Oct. 15
Toburn Gold Mines, Ltd	Com.	..	2c.	Nov. 21	Oct. 21
Union Oil Co. (Cal.)	.....	..	25c.	Nov. 10	Oct. 17
Vick Chemical	Com.	Q.	50c.	Dec. 1	Nov. 16
Vick Chemical	Com.	Ext.	10c.	Dec. 1	Nov. 16
Walgreen Co	Com.	Q.	50c.	Nov. 2	Oct. 15
Will & Baumer Candle Co	Com.	Q.	10c.	Nov. 15	Nov. 2
Wilson & Co	Pfd.	Q.	$1.50	Nov. 2	Oct. 15
Worcester Salt Co	Pfd.	Q.	$1.50	Nov. 13	Nov. 4

Corporation Earnings Recently Reported

		1936		1935	
	Period.	Net income.	Per share.	Net income.	Per share.
Abbott Laboratories	1935	$1,135,501	$5.68	$896,959	$6.19
American Agricultural Chemical Co	3 mos.	28,158	.11	*109,600	...
American Chicle Co	9 mos.	2,291,116	5.21	2,033,514	4.60
American Home Products Corp	9 mos.	2,157,980	2.91	.....	...
American Potash & Chemical Corp	1st qr.	828,832	1.57	.....	...
American Potash & Chemical Corp	6 mos.	828,832	1.57	.....	...
Arden Salt Co	1935	203,754	...	163,829	...
Atlas Powder Co	9 mos.	1,113,738	3.28	819,859	1.86
Barber Co	Yr. 9-30	199,565	.51	61,337	.16
Consolidated Chemical Industries	9 mos.	434,903	1.36	359,436	1.18
Container Corp. of America	Yr. 9-30	1,299,522	1.99	1,176,170	1.80
Corn Products Refining Co	9 mos.	8,339,191	2.78	5,373,070	1.61
Du Pont (E. I.) de Nemours & Co	9 mos.	58,661,815	5.31	35,584,717	3.22
Fansteel Metallurgical Corp	9 mos.	117,738	...	.....	...
Fyr-Fyter Co	9 mos.	46,678	.43	24,174	.24
Gallaher Drug Co	Yr. 6-30	128,490	12.27	70,424	4.52
General Printing Ink Co	9 mos.	856,743	3.82	650,150	2.68
Glidden Co	11 mos.	2,203,989	2.23	2,019,659	2.13
Gold Dust Corp	3d qr.	424,109	.24	.....	...
Harbison-Walker Refractories Co	9 mos.	2,431,600	1.66	1,245,700	.80
Hercules Powder Co	9 mos.	2,931,449	4.23	2,248,490	2.00
Holly Oil Co	Yr. 6-30	*5,156	...	*1,752	...
Johns-Manville Corp	9 mos.	3,093,560	3.60	1,573,040	1.57
Johnson (Mead) & Co	6 mos.	681,599	3.77	552,935	2.99
Kennecott Copper Corp	6 mos.	9,097,891	.84	3,418,097	.32
Lambert Co	9 mos.	1,023,035	1.37	1,313,548	1.76
Lehn & Fink Co	9 mos.	453,343	1.13	204,055	.51
Lion Oil Refining Co	7 mos.	272,119	1.02	*192,885	...
McAndrews & Forbes Co	9 mos.	618,004	1.74	654,051	1.86
Magma Copper Co	9 mos.	755,124	...	417,021	...
Mid-Continent Petroleum Corp	3d qr.	1,700,000	.90	1,471,609	.79
Newport Industries (Del.)	9 mos.	309,761	...	200,860	...
Nu-Enamel Corp	1935	246,620	...	251,207	...
Owens-Illinois Glass Co	Yr. 9-30	9,641,995	7.25	7,893,976	6.53
Paraffine Cos	3d qr.	715,208	1.45	601,060	1.20
Parker Rust Proof Co	9 mos.	868,399	2.02	.....	...
Penick & Ford, Ltd	9 mos.	982,486	2.66	667,776	1.80
Pennsylvania Salt Mfg. Co	Yr. 9-30	1,456,320	9.71	1,022,618	6.82
Peoples Drug Stores	9 mos.	794,730	3.05	545,611	1.84
Procter & Gamble Co	3d qr.	6,629,564	1.01	3,604,505	.53
Roan Antelope Copper Mines	3d qr.	†174,500	...	†99,000	...
Seaboard Oil Co. (Del.)	9 mos.	1,837,276	1.48	1,222,652	.98
Shell Union Oil Corp	3d qr.	7,210,230	.51	3,882,915	.25
Sherwin-Williams Co	Yr. 8-31	5,887,629	8.04	4,314,704	6.18
Skelly Oil Co	9 mos.	6,511,431	3.19	1,575,054	1.26
South Penn Oil Co	6 mos.	1,489,555	1.80	1,061,206	.92
Sunset Oil Co	5 mos.	115,329	...	39,719	...
Sunshine Mining Co	9 mos.	2,666,945	1.79	.....	...
Texas Pacific Coal & Oil Co	9 mos.	466,553	...	*44,032	...
Union Carbide & Carbon Corp	Yr. 9-30	34,024,317	3.82	23,586,724	2.65
Union Oil Co. (Cal.)	3d qr.	2,400,000	.55	1,050,000	.24
United States Gypsum Co	9 mos.	4,189,401	3.17	2,888,935	2.08
United Drug Co	6 mos.	1,513,842	1.08	.....	...
Vick Chemical Co	Yr. 6-30	2,709,334	3.87	.....	...

Oil, Paint and Drug Reporter

Founded October 18, 1871, by William O. Allison

Published every Monday by Oil, Paint and Drug Publishing Company, Inc. Harry J. Schnell, President and Treasurer; Frank V. Baldwin, Vice-President; Daniel G. Bogert, Secretary. Address 12 Gold Street, New York, New York. Telephone JOhn 4-2357. Cable Address Reporter New York.

Incorporating the Drug, Paint and Oil Trade, the New York Drug Bulletin, The Weekly Drug News, the New York Druggists' Price Current, The Soap Makers' Journal, the Oil and Paint Review and International Petroleum Reporter.

Subscription rates including postage in the United States, possessions and territories, one year, $5.00; two years, $8.00; Canada and Newfoundland, one year, $7.00; two years, $12.00; other foreign countries, one year, $10.00; two years, $18.00.

Entered at the Post Office of New York as second class matter January 15, 1884, under the act of March 3, 1879.

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Vol. 130 November 2, 1936 No. 18

Influence of Patman Act

In a wide survey, covering the great variety of business lines which its service comprises, the REPORTER finds that the outstanding influence of the Robinson-Patman act on producers and sellers is manifested in a practically universal endeavor to determine what the statute means as applied to the practices of an individual business. This was to be expected. Probably it was to be expected also that the great majority of those responding in the survey would report, as they did, that no changes had been found necessary in their sales policies and practices.

In explanation of this second result of the survey it can be said, first, that the practices, in respect of which the Patman act has been offered as a corrective, were not the rule among producers of chemicals, oils, and drugs as industrial materials. Not that "bargaining" and "chiseling" have been unknown, but that these practices were rather closely confined. Secondly, it must be said that "chiselers" are not likely to confess their sins (a few admissions of the revision of erroneous or doubtful judgment were received), and that responses to the survey included statements from very few sellers of articles ready for public consumption (those in this category who did respond had not found their methods to need revision).

Among all responses the reported changes were as follows:—Cash discounts reduced, 1.3 percent; quantity discounts revised, 4.4 percent; advertising allowances suspended, 1.1 percent; brokerage eliminated, 2.7 percent; "minor" revisions, 3.3 percent. Scrutinizing of existing contracts with a view of reconstructing provisions in making contracts for 1937 was reported by 8.9 percent of those responding.

The general feeling manifested in the responses in the survey was that the purpose of the Patman act was commendable, and that the operations of the law would be productive of general good. None expressed the view, heard in other lines of business, that the law was an unwarranted interference with fair and equitable business practices. Many were honestly puzzled to interpret the law as it related to their practices, and were feeling their way, looking to their trade organizations for guidance.

Problems of Fair Selling

The REPORTER's survey of reactions to the Robinson-Patman act indicates that manufacturers of the chemical, drug, and oil materials of industry are earnestly endeavoring to square their policies and practices with the provisions of that statute. It shows also that they are running into some puzzling problems.

One Patman act problem for the chemical and related industries is the determining of legal differentials in the prices for lots of various sizes—one-drum lots and ten-drum lots, for example. There are actual savings in handling the larger lots—but there is a doubtful zone where the smaller lot approaches the line of demarcation: it is difficult to calculate a difference between nine drums and ten drums.

In part this problem is resolved toward simplicity by the absence of the factor of competition among the buyers of lots of different sizes. This, however, does not cover all cases. In some instances its influence may be expected to do away with lot sizes as price bases, and the general expectation is that the small-lot business will be transferred to intermediate hands, and that the jobber will again become an important factor in the selling of chemicals and related materials.

Another problem of meeting the sales regulations of the Patman act brings out the geographical aspects of selling. It is the general belief that zone prices are not contrary to the purpose of the law, but it is recognized that arbitrary fixing of zones is "out" to an extent—these areas must be based on differences in cost of delivery or on absence of competition. The latter basis will present other problems by reason of the fact that not all buyers of a given material are satisfied to stay in their own backyard when it comes to getting markets for their goods of which the material is a component. Because the Patman act goes just as far as a lot of goods goes, there is no definite boundary of competitive territories.

These problems are big. They present with emphasis the fact that distribution is far from being an exact science. Because the idea to which the Patman act is directed will not soon be dropped, the effect of the act on distributive practice may be revolutionary.

—O-P-D—

Retailing by Manufacturer

There is more than a one-man idea behind the expressed purpose of Representative Patman to carry his endeavors to strengthen the antitrust law to the extent of prohibiting a manufacturer from selling his goods at retail. While it is scarcely conceivable that Mr. Patman's proposed bill directed to this purpose would receive favorable consideration by Congress, there is significance in the statement, made last week by an attorney in the antitrust division of the Department of Justice, that new legislation to divorce production and retailing "where the combination of those functions produces oppressive conditions" may be forthcoming.

The condition quoted in the foregoing paragraph gives Mr. Patman's endeavor a quite different aspect. While it lessens the apparent absurdity of his proposal, to embody it in a statute with any definiteness of application would be extremely difficult. The patchwork law would have as much ambiguity as is to be found in the similarly constructed Robinson-Patman act. And its implications would be at least as far-reaching.

Various reasons, based chiefly on legislation affecting corporate holding structures and that levying taxes, have been stated with reference to the movement of large oil companies to divest themselves of their gasoline-retailing outlets. It may be that foresight has had something to do with this—prescience of the eventualities of the obvious congressional intent to bear down hard on combinations and monopolies.

Behind the manifestations, of which the existing Patman act and the proposed Patman bill are typical, there may lie a serious economic purpose. There are various ways of doing many things besides killing a cat, and the widespread opposition to the centralization of business control in the Federal government might be turned against itself to decentralize business. It is conceivable that those who profess to believe in the necessity of stringent centralized control, may also believe that, if their kind of control of interstate commerce cannot be effected, interstate commerce must be reduced to a minimum.

If the Patman act is juridically interpreted as some commentators interpret it, many manufacturers would be compelled to reconstruct their operations to an intrastate scheme. A similar consequence could be produced by the proposed tax on corporations engaged in interstate commerce. It certainly would follow enactment of legislation carry out the Patman proposal to prohibit retailing by manufacturers.

Because the consumer co-operatives idea has many friends in Congress, a ban on manufacturers' selling to consumers does not seem to be probable. The extent to which the alternative compares as a threat to the business structure leaves the question no less puzzling.

—O-P-D—

Gasoline As a 'By-Product'

History is presenting a certain semblance of its earlier self in the petroleum industry. Within the memory of many whose hair has not yet greatly grayed or departed, the petroleum industry was hard put to find a means of disposing of the gasoline accumulated as a by-product in the making of the then popular derivative of crude oil—kerosene. Now the industry is beginning to be a bit alarmed over what it can do to prevent the excessive accumulation of gasoline as the result of increasing demand for oil as a fuel in domestic heaters and ranges.

During the first eight months of this year installations of domestic oil-burning heating units totaled nearly 49 percent more than those in the corresponding period in 1935; installations of range oil burners were 135 percent more; and about 22 percent more industrial oil burners were installed. During the same period production of gas and fuel oil was almost 20 percent larger than that in the 1935 period—and the season for domestic heating oil had not yet opened. There is already a little too much gasoline in storage. It is clear that in keeping up with demand for furnace oil the necessity for guarding against overfilling the gasoline tanks must be kept in mind.

Demand for gasoline was large this year. It probably will be larger in 1937. But, sufficient can be made without recourse to the "by-product" of making furnace oil. The best suggestion made in the industry is that the cracking of gas oil to make gasoline be curtailed during the Winter months. As there is a large and growing demand for gas oil as a heating fuel—also as a fuel for diesel engines—that advice is sound. Gasoline price wars never have done the petroleum industry any good.

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Barium Chloride
Barium Sulphate—(Blanc Fixe)
Battery Acid
Battery Coppers
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Cadmium Anodes
Cadmium Hydrate
Cadmium Plating Equipment
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Calcium Phosphate, Dibasic
Calcium Phosphate, Tribasic
Chromic Acid
Delimer K*
Duclean—Iron drum cleaner
2 Ethyl Hexenal
Fire Retardants
Fixtan A & B
Formic Acid
G. B. S. Soda
Glauber's Salt
Glauber's Salt Anhydrous
Hypo-Sulphite of Soda Crystals
Hypo-Sulphite of Soda Granulated
Hypo-Sulphite of Soda Pea Crys.
Indium—metal or oxide
Inhibitor No. 3—Non-Foaming
Inhibitor No. 8—Foaming
Insecticides and Fungicides
Lactic Acid
Lactic Acid, Edible
Lactic Acid, U.S.P.
Manganese Nitrate
Mixed Acid
Mossy Zinc
Muriate of Tin Crystals
Muriate of Tin Solution
Muriatic Acid
Nitric Acid Commercial
Nitric Acid Engraver's Grade
Nitric Acid Fuming
Nogas
Oleum
Oxalic Acid
Phosphate of Soda
Phosphate of Soda—Anhydrous
Phosphate of Soda—Mono
Potassium Silicate Glass
Potassium Silicate Solution
Sal Ammoniac
Salt Cake
Sherardizing Zinc
Silicate of Soda—Anhydrous
Silicate of Soda Granulated
Silicate of Soda G.4.S.
Silicate of Soda Lump
Silicate of Soda Meta
Silicate of Soda Pulverized
Silicate of Soda "R-B"
Silicate of Soda Solid Glass
Silicate of Soda Solution
Snowflake Soldering Salts
Sodium Pyrophosphate
Sodium Formate
Sodium—Lead Alloy
Sodium—Zinc Alloy
Sodium Silico Fluoride
Soldering Flux Crystals
Soldering Flux Solution
Slab Zinc
Strontium Carbonate
Strontium Nitrate
Sulphate of Soda Anhydrous
Sulphate of Soda Technical
Sulphate of Zinc
Sulphide of Soda Concentrated
Sulphide of Soda Crystals
Sulphide of Soda Flake
Sulphide of Soda Fused Solid
Sulphite of Soda Crystal
Sulphuric Acid
Super Sulphate of Soda
Thallium Sulphate
Titanyl Sulphate
Tin Crystals
Tinning Flux
Tri-Sodium Phosphate
Zinc Anodes
Zinc Chloride Fused
Zinc Chloride Granulated
Zinc Chloride Solution
Zinc Dust—Non Gassing
Zinc Intermediate
Zinc Oxide
Tomahawk* 35% Leaded
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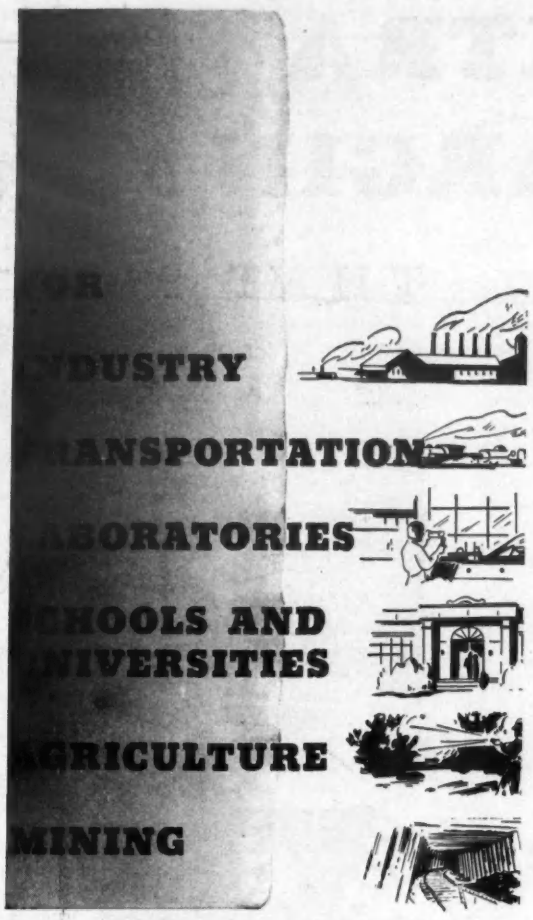

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Chemical Employment And Payrolls Increase

(Continued from page 5)

parisons on the basis of the 1929 averages:—

	Employment. Sept., 1936.	Employment. Aug., 1936.	Payroll totals. Sept., 1936.	Payroll totals. Aug., 1936.
Metalliferous mining	62.8	61.6	49.7	48.1
Quarrying and non-metallic mining	54.8	55.3	44.6	46.2
Crude petroleum producing	74.4	75.7	60.1	60.6
Dyeing and cleaning	86.6	83.6	66.1	63.2

Employment in New York

Employment in factories producing chemicals and related products in New York State showed a gain of 1.2 percent from August 15 to September 15, 1936, and an increase of 3.3 percent in the city, according to the records of the State Department of Labor.

General factory employment increased 3.7 in the State during the monthly period, and increased 4.2 percent in the city. General factory payrolls rose 0.9 percent in the State and 0.2 percent in the city. The department's general factory index numbers September 15, 1936 (100=1923-25 average), were:—Employment, 82.7 (7.6 percent above the 1935 level); payroll totals, 71.7 (8.8 percent above the 1935 level).

Changes in employment in the various divisions of the chemical group of industries were reported as follows:—

(September compared with August)

	Percentages. State.	Percentages. City.
Drug and industrial chemicals	+1.6	+4.8
Oil products	+0.2	—0.1
Paint and colors	+8.0	+10.0
Photographic and miscellaneous chemicals	+0.5	+3.5

Albert Frankel Retires From R. & H. Division

Albert Frankel retired October 31 as general manager of the New York office of the R. & H. chemicals division of E. I. duPont deNemours & Co. Mr. Frankel, who was treasurer of the Roessler & Hasslacher Chemical Company at the time of the merger with the duPont Company, had been affiliated with R. & H. activities for 45 years. He has made no special plans regarding the future, but intends to devote the major part of his time in recreation and travel.

Mr. Frankel was the guest of honor at a dinner October 28 at which division heads from Wilmington, branch office managers from all parts of the country and New York office associates attended. Milton Kutz, assistant general manager of the R. & H. chemicals division, presented him with a wrist watch and a desk set on behalf of the members of the New York office. He is a member of the Chemist Club, this city.

Chemical Section of Safety Council Elects

The Chemical Section of the National Safety Council, at the twenty-fifth annual meeting of the national body, in Atlantic City, elected the following:—

General chairman, H. L. Miner, of E. I. du Pont de Nemours & Co.; vice-chairman in charge of program, Ralph L. Rogers, jr., of the Tennessee Eastman Corporation; vice-chairman in charge of engineering, J. J. B. Fulenwider, of the Hercules Powder Company; secretary, Ralph O. Keefer, of the Aluminum Company of America; news letter editor, F. W. Dennis, of the Hooker Electrochemical Company; membership and publicity committee chairman, C. E. Sevrens, of the Merrimac Chemical Company; occupational disease committee chairman, Dr. Leonard Greenburg, New York State Department of Labor; poster committee chairman, E. L. Root, of the Celluloid Corporation; statistics committee chairman, R. C. Stratton, of the Travelers Insuranee Company.

Other members of the executive committee:—A. L. Armstrong, of the Eastman Kodak Company; F. E. Clancy, jr., of the Mathieson Alkali Works; E. F. King, of the Lever Brothers Company; S. D. Kirkpatrick, of *Chemical and Metallurgical Engineering;* John Roach, Deputy Commission of Labor of New Jersey; John S. Shaw, of the Hercules Powder Company; Plummer Wheeler, of the American Cyanamid Company, and S. E. Whiting, of the Liberty Mutual Insurance Company.

Foote Mineral Company, manufacturer and grinder of mineral products, Philadelphia, reports that the company's new grinding unit and storage warehouse at Wyndmoor is nearing completion.

Heavy Chemicals

Soda Bicarbonate Reduced — Soda Ash and Caustic Soda 1937 Price Schedule Expected This Week—Chlorine Firm—Tin Salts Higher — Antimony Metal Lower

Apprehension about the national election Tuesday caused a slower market for industrial chemicals last week. Another factor was the depressing seasonal influences in certain consuming industries. Sellers largely were concerned with the formation of 1937 price schedules, for 1937 contract writing was expected to gather momentum late next week. A lower price for soda bicarbonate constituted the outstanding price change.

With the passing of the national election Tuesday, many contract prices were expected to reach the trade. The hesitancy on the part of both buyers and sellers, because of the national election, could be attributed to the desire to obtain a clearer interpretation of the trend business would assume as a result of the election. The alkali price schedule was expected to signify the official opening of the contract season, and this schedule was looked for before the termination of another week. Soda bicarbonate prices were lower. Manganese dioxide prices have been renewed. Tin salts were higher, resulting from a stronger basic metal market. Copper was higher. Copper sulphate prices were stronger. Agricultural insecticides and fungicide prices continued steady to firm. Antimony metal was lower. Price for sulphuric acid at Baltimore was higher, reflecting the growing scarcity of pyrite ore because of the Spanish civil war.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Copper, electrolytic, ¼c. per lb.
Soda stannate, ½c. per lb.
Tin crystals, ½c. per lb.
tetrachloride, anhydrous, 1c. per lb.

Reduced

Antimony metal, ¼c. per lb.
Soda bicarbonate, 10c. per 100 lbs.

Comparative Values

Index numbers compiled from twelve typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
153.3	153.3	153.3	153.1

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.4	99.4	99.4	99.3

Market news that may have developed after this report was sent to press will be found on page 4.

Alums.—A favorable inquiry was reported for commercial and iron-free sulphate. Prices continued firm. There was a good inquiry for ammonia and potash alums, sellers reporting prices were steady to firm.

Ammonia, Anhydrous. — Demand lacked improvement, the colder weather tending to slow sales. Quotations were steady to firm. The trade was awaiting the price schedule for 1937.

Ammonia Aqua. — A fair buying movement was disclosed in this market, consumers ordering out supplies for nearby requirements. Prices ruled unchanged.

Ammonia Perchlorate.—A slow call was shown for this material, jobbing quantities again making up the call. Quotations continued unchanged.

Ammonia Sulphocyanide.—There was an irregular demand shown for this material, but the market retained a steady to firm price appearance.

Ammoniac, Sal.—This market continued to experience a good demand from the usual channels of consumption. Prices for both the grey and white continued unchanged.

Antimony.—The market for domestic antimony showed a decline of ¼c. per pound, the market was listed at 11¾c. per pound. Demand indicated consumers were ordering out supplies for immediate production wants only.

Arsenic. — Business in white arsenic continued at an irregular pace throughout the week. Sellers reported a steady to firm tone was noted. There was little to report in the red material, quotations held steady to firm and consumers covered for immediate wants only.

Barium Salts. — The market for chloride continued steady to firm. Sellers reported demand was irregular. There was little activity in carbonate, but a steady to firm tone was noted. Hydrate and Nitrate was in fair demand.

Bleaching Powder. — A good inquiry was reported in this direction at times during the period under survey, producers reporting a firm tone governed the dealings. Prices were in conformity with the schedule in effect previously.

Blue Vitriol. — A strong tone was displayed in this market, reflecting an increase in prices for the basic metal. The high prices for copper in foreign markets was a factor causing a number of inquiries to reach this market for copper sulphate.

Calcium Chloride. — A good demand was reported for this material, the call coming largely from the sections of the country where the weather has been rather severe. Quotations continued to display a steady to firm tone.

Carbon Tetrachloride. — This market enjoyed a fairly active call throughout the week, cleaning fluid companies and other routine consumers appeared to be covering for immediate production wants.

Chlorine. — The trade was awaiting the 1937 prices. The firm character of the price tone for material shipped in cylinder was a factor giving belief that those prices would be extended for 1937. In addition, producers were reported to have a representative volume of business on the books for fourth quarter delivery.

Copper. — The market for electrolytic copper was advanced ¼c. per pound to 10c. per pound delivered Connecticut Valley base, the highest price on record since early 1931. Domestic copper sales for October were expected to equal the record breaking total of 175,916 tons contracted for in July this year, for up until Tuesday sales in October reached 171,785 tons. In July the mark-up of the price from 9½c. per pound to 9¾c. per pound delivered Connecticut Valley base, culminated on July 21-22 with sales on the former date of 106,101 tons and on the latter date 25,409 tons for a combined total for two days of 131,510 tons. For six days, ending July 22 last, total sales amounted to 158,561 tons. In comparison, on the present move up in price to 10c. per pound combined total for Monday and Tuesday of the week just past was estimated at 111,685 tons, and for the six day period ending October 27, the total aggregated 140,875 tons. The rise in price here was influenced by the high level of prices abroad. Since August 1 there have been four increases in the rate of copper production abroad, three of 5 percent each, and the recent advance of 10 percent. The fact that on November 1 foreign copper production will be raised to 95 percent does not mean that producers will be operating at that percentage of capacity. When the production agreement was entered into in 1934, capacity was determined on the basis of actual production of the companies in a given period. Before the agreement most companies had been operating below capacity. The increase abroad will not affect the rate output in the United States. However, it was understood that most producers here were increasing operations over recent months.

Copperas. — A substantial buying movement was recorded in this market. Sellers reported no change in quotations. Steel mill operations were estimated at 74.3 percent of capacity last week, against 74.2 percent in the previous period, according to the American Iron and Steel Institute.

Fluorspar. — A good inquiry continued in evidence, prices were decidedly strong, for the steel industry was again the prominent consumer. The factor strengthening the price tone was the limited amount of stocks on hand.

Manganese, Dioxide.—Prices for 1937 represent an extension of the current schedule. Demand from the ceramic trade was good.

Nickel Salt. — A firm tone was in

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

BARIUM CHLORIDE
BARIUM REDUCTION CORPORATION SOUTH CHARLESTON, W. VA.

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CALCIUM FLUOSILICATE
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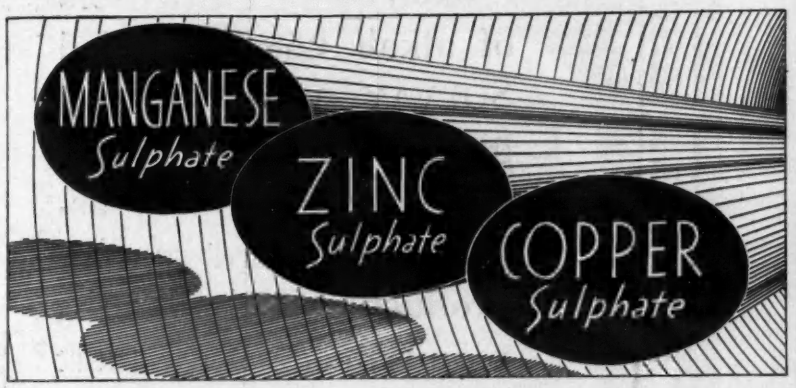

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Chicago	Indianapolis	New York	St. Louis
Cnicinnati			Syracuse

prominence here, shipments moving forward at a better pace. Reports from the automobile industry indicated that operations were being gradually stepped up to capacity levels.

Potash Carbonate. — A steady to firm tone governed the dealings in this direction again last week, orders were coming into the market at a fairly good pace from the textile trade. No change was disclosed in quotations.

Potash, Caustic. — Shipments were being made to the soap trade and other routine channels of consumption at a fairly good clip. Quotations were steady to firm.

Potash Chlorate.—The match manufacturers continued to order out supplies in a conservative fashion. Quotations ruled steady at previous levels.

Saltcake.—The call from the paper and the glass trades continued at a good pace. Prices were firm. Some of the units in the glass industry were experiencing labor unsettlement in the Pittsburgh district.

Soda Ash.—The trade was awaiting the 1937 price schedule. Just when the schedule would reach the trade was a matter of conjecture at this time, with some quarters adhering to the thought that the price will be made known shortly after the national election next week.

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Soda Bicarbonate.—Prices have been lowered 10c. per 100 pounds. The new schedule follows: Powdered, car lots, works, $1.75 per 100 pounds; granular, works, car lots, $2.15 per 100 pounds; kegs, car lots, works, $2 per 100 pounds.

Soda, Caustic.—Producers were said to be putting the finishing touches to 1937 price schedule, issuance of which was expected shortly after the national election next week.

Soda Cyanide.—The plating industry continued to order out a good volume of this material. Sellers reported quotations were firm.

Soda Phosphate.—The market for both the di and tri-basic soda phosphate appeared firmer, with producers showing little inclination to accept the business below the level of $1.75 per 100 pounds for car lot bag shipments.

Soda Prussiate.—Competition continued keen in this market, but prices were about the same as the previous period. Reports from abroad stated that a price war was being noted in Japan, the severe competition said to be due to an effort to bring the Japanese makers into the international convention.

Soda Silicofluoride.—The market registered a good demand throughout the week. Prices ruled unchanged. Some Italian and Japanese material was noted in the market, but the market generally was 6¼c. to 6½c. per pound.

Soda Stannate.—Prices moved forward as a result of an advance in Straits tin. Sellers were quoting 30c. to 34c. per pound, according to quantity.

Tin Salts.—Prices for the various salts were higher, betterment in the price position reflected the sharp rise in price for Straits tin. The advance in tin price was said to have been aided largely by the report that Siam representatives were endeavoring to come to an understanding with the International Tin Committee.

Acids

The market for the acids entering consumption in the industrial units noted an irregular demand during the week just closed. This irregularity in the buying could be attributed to the near approach of the national election as well as the nearness of the termination of the year, at which time consumers must give consideration to year-end inventories. Prices generally were steady to firm. Sulphuric acid was firm. Reports from the steel industry indicated that operations were holding up well, and advices from the automobile trade had it that production on 1937 models would be near capacity levels within the next week or so. Chromic acid demand was good, platers were withdraw-

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ing good-sized quantities. No change was disclsoed in the market for oxalic acid.

Acetic. — Business continued at an irregular pace. Prices were steady to firm.

Battery. — There was a fair demand for this material, prices were held firm.

Boric. — Contract withdrawals continued good. The call came from usual channels of consumption. Prices were unchanged.

Chromic.—A decidedly firm tone was in evidence for this material. Demand indicated a good amount of activity in the plating industry. Prices ruled unchanged.

Formic. — This market presented little change last week, with the possible exception that demand was a pace slower, but prices revealed a steady to firm tone.

Lactic. — A good demaand continued from the tanning industry, prices were held steady to firm.

Hydrofluoric.—This market displayed a steady to firm tone, shipments moving to the usual consumers at a good pace. No change was disclosed in quotations.

Monochloracetic. — There was little to report in this direction, demand indicating that consumers were covering only when commitments reached an imperative stage. Prices were steady.

Muriatic. — A good demand was recorded for this product, sellers reporting regular buyers were taking sizable commitments against contracts. Prices ruled unchanged.

Nitric. — With certain heavier industrial units operating at a good level, the market for nitric acid enjoyed a favorable demand. Quotations were firm.

Oxalic. — Demand continued to reflect the inclination of consumers to purchase in a conservative manner, but prices were well maintained.

Phosphoric. — A good inquiry was noted for this article at times during the week, and sellers reported a steady tone was in evidence.

Sulphuric. — A firm tone ruled this market. Demand reflected a seasonal slowing down in some quarters, but the high level of activity in certain industrial units was sufficient to offset the decrease in demand in other directions. Price was unchanged. Automobile production was expected to be at capacity levels within the next few weeks. Steel mill operations held up well. The textile operations were favorable, but consumers showed no inclination to relinquish the hand-to-mouth procedure.

BALTIMORE, Oct. 28.—An advance of $1 per ton is reported to have been made in the price of sulphuric acid by the producers here as the result of the growing scarcity of pyrites ore because of the civil war in Spain. This advance has been forecast for some weeks, but when no change occurred week after week, the buyers inclined to the view that the situation had been magnified, and there were those who began to feel that no marking up of the figures would be made. According to advices from Spain, the mines at Huelva of the Rio Tinto Company, one of the largest sources of supply in the world, were held for a time by the loyalists, but later came under control of the rebels, who cleared that port of the government forces. But meanwhile the shafts had been flooded, so that much time must elapse before they can be gotten into working order again. As a consequence, the shipments of pyrites ore from Huelva has been interrupted, and the stocks in hand here and elsewhere are being used up. An actual famine in the ore is now declared to be imminent, and as a consequence, the price of acid has been raised, the present figure being $13 per ton for 60 degrees and $16 per ton for 66 degrees acid, an increase of a dollar in each instance. It is deemed certain that oleum will follow the course of acid, with the figures named up to about $18 per ton for 20 percent stocks. If it should become necessary for plants that have been operating on pyrites to switch to brimstone, a further advance is considered altogether likely.

Insecticides

The market for agricultural insecticides and fungicides continued at a slow pace during the week just ended. Consumers were confining purchases to occasional small quantities. Interest of sellers was mainly with the formation of 1937 prices, which formation was something more than routine this year as a result of the recently enacted Robinson-Patman legislation. Lead arsenate continued as the active feature, but the activity in that product was restricted to small quantities. Dull and featureless was the market for calcium arsenate. Nicotine sulphate was quiet.

Calcium Arsenate.—A firm tone ruled the market, although demand was a rather drab affair.

Lead Arsenate.—A spotty demand was reported for this material. Prices continued to display a steady to firm tone.

Nicotine Sulphate.—A steady to firm tone was in evidence again last week. Quotations were unchanged. Demand was restricted to occasional small quantities.

Zinc Arsenate.—Nothing new was uncovered here, demand following a highly irregular course, but quotations were well held.

Mathieson Income Shows Increase of 22 Percent

The Mathieson Alkali Works reports for the third quarter of 1936, net income of $484,489, after depreciation, depletion and other charges, equal to 54 cents a share, compared with $331,039, or 35 cents a share, for the corresponding period of 1935. For the first nine months of the year, net earnings were $1,202,372, after charges, equal to $1.30 a share, compared with $978,892, or $1.03 a share in the corresponding nine months of the previous year.

E. M. Allen, president of the company, in his report to the stockholders, stated:—

The upward trend of our business continues with attendant increase in earnings, due to the greater demand for our basic products on the part of our regular customers, coupled with the increased earnings from manufacture and sale of new products.

Advancing costs, due to the continual and alarming increase of Federal, State and local taxes, as well as many new experimental laws, make management problems more and more complex, the causes of which should be seriously considered by all stockholders.

DuPont Earnings Up 65% Over 1935 Period

E. I. du Pont de Nemours & Co.'s statement of consolidated income and surplus for nine months ended September 30 shows earnings applicable to the common stock of $58,661,815, or $5.31 a share on 11,050,973 average shares outstanding. This figure, which includes income from the company's General Motors investment equivalent to about $2.65 on each share of du Pont common stock, compares with $35,534,717, or $3.22 a share for the first nine months of 1935 on 11,051,343 average shares outstanding. The 1935 figures included income from the General Motors investment amounting to about $1.13 a share on du Pont common stock. Figures for both periods include du Pont Company's equity in undivided profits or losses of controlled companies not consolidated.

For the third quarter of 1936, earnings applicable to the common stock were $22,554,444, or $2.04 a share, which includes income from General Motors investment equivalent to about $1.09 a share on du Pont common stock. In the third quarter of 1935, total earnings were $1.48 a share on du Pont common stock, which included income from General Motors investment equivalent to about 68 cents a share on du Pont common stock.

Monsanto Earnings in 1936 at All-Time Peak

The Monsanto Chemical Company reports for the nine months ended September 30 consolidated net profit of $3,290,721, after charges and normal taxes but before subsidiary preferred dividends, compared with $2,808,687 in the corresponding period of 1935. This is equal to $2.89 a share on 1,114,410 capital shares, compared with $2.76 a share on 980,876 capital shares in the 1935 period. No provision was made for surtax on undistributed profits.

For the quarter ended September 30 the net income was $1,181,125, or $1.04 a share, compared with $1,035,730, or 93 cents a share in the preceding quarter and $884,550, or 89 cents a share, in the corresponding quarter of 1935.

Sales and earnings for the third quarter of 1936 constituted an all-time peak, the report states.

Caustic Soda Freights Changed

The New York Public Service Commission has approved new commodity freight rates as follows:—

Of the Erie railroad, on caustic soda, tankcars, from Niagara Falls and Suspension Bridge to Lockport, 4 cents per hundred weight; effective November 8; expires December 31 unless sooner changed, cancelled or extended, after which the rate of 5 cents per hundredweight will apply.

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Wishnick Is in Texas Carbon Black Project

A carbon black plant with a daily capacity of 70,000,000 cubic feet, one of the largest in the world, will be built in Moore County, Texas. The plant will have as a reserve the Continental Gas Company acreage in Moore County, as well as a substantial part of the Shamrock Oil & Gas Company's gas acreage in the same county.

Associated in the enterprise with R. I. Wishnick of this city are the Continental Oil Company and the Shamrock Oil & Gas Company. The company is now being incorporated; announcement of its name will be made later.

The location of the plant, which will cost $1,250,000, will be about a mile north of the McKee plant of the Shamrock Company between Dumas and Sunray. Shamrock will purchase the gas production from the Continental properties in Hutchinson and Moore counties for extraction of gasoline and will in turn supply residue gas for the new carbon black plant.

Mr. Wishnick, who is already a large factor in the carbon black industry, said that further details of the new company would be available presently.

Hercules Powder Co. Acquires Subsidiary

R. H. Dunham, president of the Hercules Powder Company, reports that the Hercules company is acquiring, effective November 2, the assets of its subsidiary, the Paper Makers Chemical Corporation, which has been operated as a separate company since October, 1931, when it became associated with Hercules.

The business, formerly conducted by the Paper Makers Chemical Corporation, will be continued by the Paper Makers' Chemical Department of the Hercules Powder Company. W. J. Lawrence, formerly president of the Paper Makers Corporation, has been elected a vice-president of the Hercules Powder Company and general manager of the Paper Makers Chemical Department.

Koppers Co. Files with S.E.C.

The Koppers Company, formerly the Koppers Gas & Coke Company, has filed with the Securities and Exchange Commission a registration statement covering $25,000,000 4 percent first mortgage and collateral trust bonds, series A, due November 1, 1951. The proceeds from the sale would be used to redeem on or before January 1, 1937, $17,746,000 of 5 percent sinking fund debenture bonds at 103½, and to retire notes payable of $4,650,000. The remainder would be used for additional working capital.

Turner & Co. Moves to Jersey

The main office of Joseph Turner & Co., chemical sales agent, has been moved to Ridgefield, N. J., where a two-story structure has just been completed. In addition to housing the executive and general offices, the new building provides ample space for warehousing, having a two-car railroad siding. The office at 500 Fifth avenue, this city, will be maintained as a branch, under the direction of Charles M. Hollwedel. To assure rapid transmission of orders, Walter Merrill, head of the Turner company, stated that a direct telephone wire has been installed between the New York and the Ridgefield offices. The New York telephone number is Pennsylvania 6-8980. The company also maintains branch offices at Chicago and Providence.

National Carbon Patents For Activation Infringed

The National Carbon Company was given the decision, October 20, in its action against the Western Shade Cloth Company, alleging infringement of United States patents 1,497,543 and 1,497,544 covering activated vapor-adsorbent carbons and the process of manufacturing them. The action was before Judge Barnes in the United States District Court for the Northern District of Illinois.

The plaintiff manufactures, under the patents in question, Columbia activated carbon, which is sold by the Carbide & Carbon Chemicals Corporation. The alleged infringement of the patents was based on the use by the defendant of activated carbon purchased in 1927 and in 1933 from the American Solvent Recovery Corporation, Columbus, Ohio.

During trial of the case, which lasted three weeks, expert testimony was given for the plaintiff by Prof. A. B. Lamb, head of the chemical laboratories at Harvard University. Corroborative testimony of the usefulness of activated carbon was given by Col. Bradley Dewey, in charge of defense activities of the Chemical Warfare Service during the war, and Prof. W. K. Lewis, also in the Chemical Warfare Service and now head of the department of chemical engineering at Massachusetts Institute of Technology.

Trial of the case was concluded October 10. Final arguments by counsel for both parties were presented October 20. On the latter day Judge Barnes found for the plaintiff, holding the claims of the patents valid and infringed and ordering the customary injunction and accounting.

Galvanizers Committee to Meet

The Galvanizers Committee, recently organized to consider the technical phases of hot dip galvanizing, and sponsored by the American Zinc Institute, will hold its first meeting in Pittsburgh November 18 and 19. Subjects for discussion will cover technical and operating problems in the galvanizing department, with special reference to the galvanizing of sheets. The meeting has been called by F. G. White, chief of the department of metallurgy and inspection of the Granite City Steel Company, who is chairman of a temporary organizing committee. Ernest V. Gent, secretary of the zinc institute, is acting secretary of the committee.

Miller's $5,000,000 Suit Heard

The damage suit for $5,000,000 brought by C. Wilbur Miller, former president of the Davison Chemical Company, against the Rio Tinto Company, the Pyrites Company of America, the Chase National Bank, and other defendants, came up in Superior Court, Baltimore, October 8, on demurrers to the complaint. Mr. Miller's claim is based on allegations that the defendants conspired to wreck the Davison company and eliminate adverse competition and thus impoverish him. The defendants have asked that the suit be quashed and the hearing is expected to take about two weeks.

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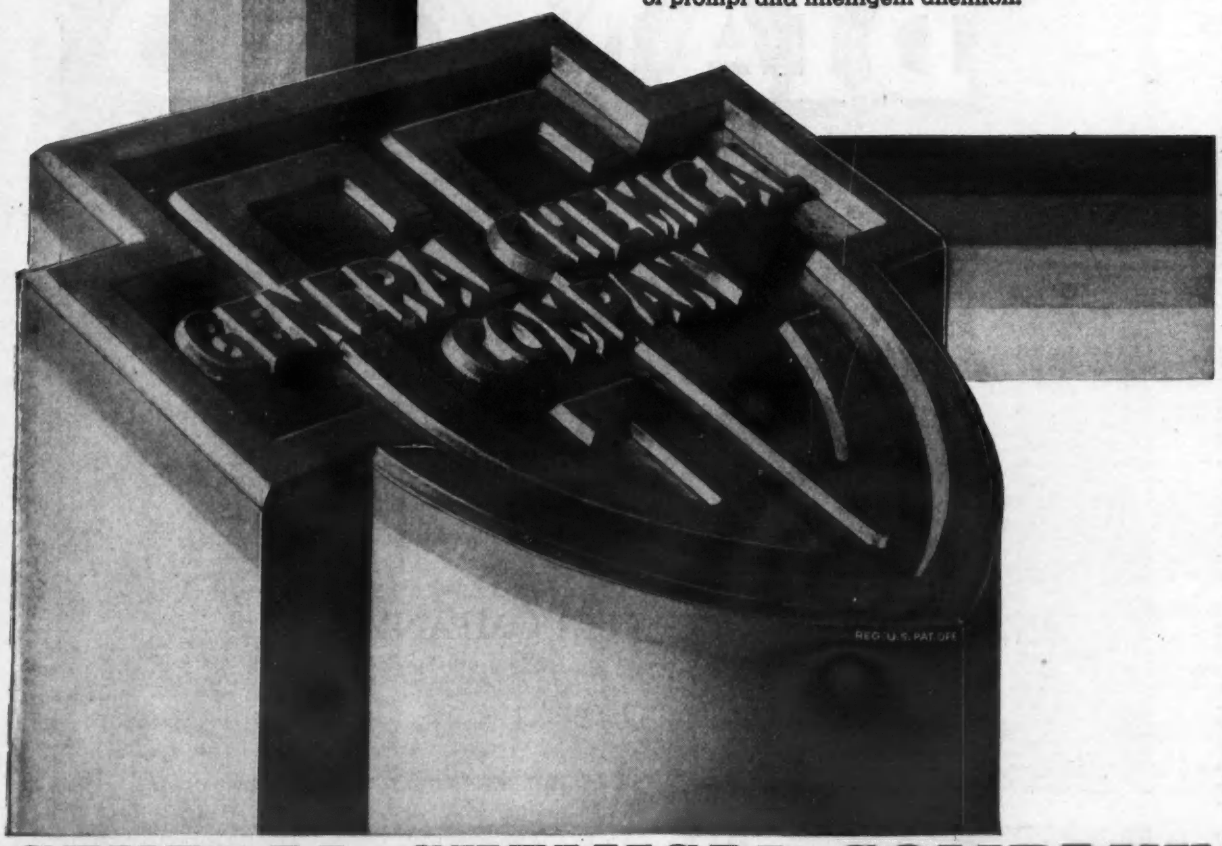

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Coaltar Chemicals

Refined Naphthalene 1937 Prices Issued—Benzol Firm—Toluol in Good Demand — Cresylic Acid Strong — September By-Product Output Shows Decline

An active buying movement was shown in the market for coaltar chemicals during the week just closed. The market was featured by the issuance of 1936-37 prices for refined household and industrial naphthalene and a slightly higher price for coaltar solution of creosote oil. Toluol, xylol and solvent naphtha continued in good demand. Cresylic acid was in short supply. Benzol demand showed signs of broadening. Colors and intermediates experienced an irregular demand.

Prices for wholesalers and jobbers for flake and ball naphthalene for 1937 in the various types of shipments were renewed at previous levels, excepting the 12-ounce package price, which was fractionally lower. Refined naphthalene, including chipped, crushed and the various sorts of rice, prices were uniformly ¼c. per pound lower. Coaltar solution of creosote oil was fractionally higher, but no change was disclosed in other grades.

Production of coke continued its upward trend in September. The daily rate of output from by-product and beehive ovens, amounting to 133,996 tons, was 3.4 percent greater than the August rate of 129,618 tons, and was 38.4 percent above the rate prevailing in September a year ago. Output of by-product coke for the thirty days of September was 3,831,241 tons, an average per day of 127,708 tons. Compared with the August rate of 124,703 tons, there was an increase of 2.4 percent, shared almost equally by furnace and merchant plants. Production of beehive coke increased sharply, from 127,800 tons in August to 163,500 tons in September, a gain of 27.9 percent. The September daily rate of 6,288 tons was the highest on record since December, 1930, according to United States Bureau of Mines.

Coking coal charged in by-product ovens in September totaled 5,498,672 tons, against 5,547,704 tons in August and 4,082,792 tons in September a year ago. Total for the first nine months was 46,079,652 tons, against 35,744,658 tons in the same period a year ago. Ammonia, representing the ammonium sulphate equivalent of all forms, production in September was 61,256 tons, against 62,047 tons in August and 44,738 tons in September a year ago. Total for the first nine months was 510,131 tons, compared with 381,873 tons. Recovery of tar for September was estimated at 50,597,755 gallons, compared with 50,149,830 gallons in August and 37,633,231 gallons in September last year. Total for the first nine months was 425,818,391 gallons, against 328,565,746 gallons in the same period a year ago. Light oil output was estimated at 15,946,148 gallons, against 16,088,341 gallons in August and 11,839,096 gallons in September a year ago. Total for the first nine months was 133,627,394 gallons, as against 103,660,508 gallons in the corresponding period a year ago.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Creosote oil, coaltar solution, .004c. per gal.

Reduced

Naphthalene, refined, household, 12-oz. pkg., ¼c. per pkg.
Industrial, chipped, ¼c. per lb.
rice, ¼c. per lb.

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
126.2	126.3	126.3	123.2

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—There was a good buying movement shown for this product. Prices held firm. Steel mill operations last week were at 74.3 percent of capacity, against 74.2 percent in the previous period, according to the American Iron and Steel Institute. A month ago operations were at 75.4 percent and a year ago at 51.9 percent of capacity. "Iron Age" reported that despite the falling off in booking of structural shapes, plates and some other products, the sheet demand will tax the full facilities of the industry for a good many weeks. It was further stated that some of the slack in the heavier products may be taken up by railroad equipment buying. Benzol production in September was 9,089,000 gallons, compared with 9,194,000 gallons in August and 6,799,000 gallons in September last year. For the first nine months the total was 76,991,000 gallons, against 55,996,000 gallons in the corresponding period a year ago. Stocks of coke at by-product plants continued to rise, the total on hand at the end of September amounting to 2,033,611 tons, or 2.4 percent in excess of August reserves. Compared with the same period of 1935, however, total stocks show a decrease of 35 percent. The increase in September was entirely at merchant plants, where stocks advanced 5.1 percent. Reserves at furnace plants were depleted 2.9 percent.

Creosote Oil.—An advance in the price schedule for the coaltar solution was noted, sellers were quoting tanks at .113c. to 12½c. per gallon. The market otherwise was a rather quiet affair.

Cresylic Acid.—Business in this market continued at a good pace, supplies not being sufficient to cover spot orders. Prices ruled unchanged. The call came from the synthetic resin industry and other routine consumers.

Naphthalene.—Prices for household naphthalene for 1937 were issued last week, being effective from October 27 to September 30, 1937. The schedule, for wholesalers and jobbers, f.o.b. Eastern works, shows no change in flake and ball barrel prices, 7¼c. per pound; cases unchanged at 7½c. per pound and 16-ounce packages were unchanged at 8c. per pound, but 12-ounce packages were listed ¼c. lower at 6¼c. per package. A lower price for chipped, crushed, was noted, off ¼c. per pound at 6¼c. per pound, and rice, crystals and powdered, was down ¼c. per pound at 7¼c. per pound. Western prices are ½c. per pound higher, f.o.b. Chicago and Granite City, Ill.; store-door delivery in metropolitan New York and the cities of Philadelphia and Chicago in minimum quantities of 2,000 pounds. The contracts carry the usual clause of prices being subject to quarterly adjustment.

Phenol.—Shipments were moving to the pharmaceutical trade and other routine consumers at a good pace again last week. Sellers reported the presence of a firm tone.

Solvent Naphtha.—The market for industrial water white continued to note an active demand. Prices ruled firm. The call for high flash naphtha was steady to firm. No change was disclosed in quotations.

Toluol.—Demand was good throughout the week. Manufacturing consumers were withdrawing shipments in volume commensurate with actual production. Prices ruled firm. "Automotive Daily News" stated that within the "next week or so" practically all plants will be working at full capacity. The current week's output is estimated at about 87,470 units, compared with 62,725 units for the week ended October 24. October total is estimated between 240,000 to 250,000 units.

Xylol.—A good demand was shown here. Prices ruled unchanged, a firm tone being in prominence.

Chicago Coaltar Bases

CHICAGO, Oct. 29.—Coaltar bases as a class are making a good market appearance. Prices are steady to firm in most cases. The volume of toluol, xylol and related products that has moved out to consuming lines in recent weeks is reported to have reached substantial totals. Benzol is holding its own fairly well at this time. Ruling prices exclusive of tax are:—Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 11c. to 12c.; toluol, 30c.; 10-degree xylol, 33c.; solvent naphtha, 30c.; creosote oil, grade 1, 12½c. to 13c.

Coaltar Acids

Anthranilic. — Business continued along routine lines, sellers reporting prices ruled steady to firm.

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

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THE BARRETT COMPANY
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Broenner's.—This market presented little change during the course of the week, shipments moving out in conservative quantities. Prices were unchanged.

Cleve's.—This market was much the same as in the preceding period, demand moving at a highly irregular pace, and prices were without change.

Picric.—A fair buying movement was noted here at times, but it was clearly evident consumers were covering for immediate wants only. Prices were firm.

Salicylic.—This market continued to experience an irregular demand throughout the week, and quotations were displaying a steady to firm tone, for the volume for the week was sufficient to create such a price tone.

Sulphanilic.—Conditions in this market were changed little, if any, from the previous period, consumers ordering out supplies in fair volume, and prices were well maintained.

Other Intermediates

Alphanaphthol.—Demand continued at a fair pace during the week. Prices ruled firm.

Anilin Oil.—The call was fairly active. Prices displayed a firm tendency at the levels in effect previously.

Benzidin Base.—Although the market was a rather drab affair, demand being restricted to actual wants, sellers reported no change in quotations.

Betanaphthol.—A favorable inquiry was reported here, manufacturing consumers covering for nearby requirements. Quotations were held firm.

Metatolulylenediamine. — Conditions here were much the same as in the preceding period, demand following a highly irregular pace, but no change was uncovered in the quotations.

G Salt.—Another dull week was experienced in this direction, consumers showing no inclination to order beyond actual wants. Prices held unchanged.

Paratoluidin.—A good inquiry was reported for this material at intervals during the week. Quotations held firm.

Phthalic Anhydride.—A substantial demand continued in evidence for this material. Quotations were firm.

R Salt.—New developments were lacking, demand being dull, but quotations were in conformity with the schedule in effect previously.

Schaeffer's Salt.—This market was slow again last week, but prices held steady to firm.

Coaltar Colors

The market for coaltar colors continued at a good demand during the week just closed. Manufacturing consumers were ordering out for actual needs. The fact that production was at a high level in some instances, particularly in the cotton cloth division, accounted for the active appearance at times. Prices ruled steady to firm. The 1937 Spring Silk Card features the shades of pink, green, rose, blue, purple, red, orange and gold. The increased style prestige of beiges and light Spring browns is illustrated in several important ranges, including the rich golden amber and its lively complement, tortoise brown. In the red range, brilliant peasant hues are interpreted in dalmatian red and tyrol red. Winberry red is the new vintage shade for Spring. There is a definite relationship between the principal basic color groups in the woolen and silk cards. The dyestuffs trade in Manchester, the British textile district, showed some improvement during September in comparison with the summer months. Deliveries to the worsted section of the wool trade were poor, but a steady demand for tweeds resulted in a satisfactory movement of dyestuffs for that particular trade. Coronation orders for low-class woolen bunting resulted in increased sales of dyestuffs. On the other hand, falling demand from the United States and the Continent for high-class woolens curtailed sales of dyestuffs for that class of textiles. A considerable increase in the use of dyestuffs was reported in the garment dyeing trade.

A. P. I. to Convene in Chicago Nov. 9 to 12

A comprehensive program, ranging from discussion of highly technical phases of petroleum production and refining to future trends in business and economics, is being developed for the seventeenth annual meeting of the American Petroleum Institute, in the Stevens hotel, Chicago, November 9 to 12. More than 100 offices are to be filled by election, including 46 memberships on the institute's board of directors, and 60 memberships on divisional general committees.

The first general session will be held November 10 at 2:30 p. m., when Axtell J. Byles, president of the institute, will make his address. Group sessions by the divisions of production and marketing will be held in the evening. November 11 there will be group sessions by the divisions of production, refining, and marketing in the morning; a general session in the afternoon, and the annual banquet in the evening. November 12 there will group sessions of the divisions of production and refining in the morning and in the afternoon. More than fifty committee meetings will be held during the three days.

Fumigators' Strike Is Ended

After eleven weeks of strike of exterminators and fumigators in this city, firms affiliated with the Associated Exterminators and Fumigators and the Exterminators and Fumigators local union 155 have entered into an agreement, which provides for recognition of the union, increases in wages, and a week's vacation for employees. It is agreed also that there will be no strike or other action to cause cessation of work, and other stipulations are made to permit of co-operation between the employers and the union.

Drug, Cosmetic Dealers To Fight Cutting-Off

Declaring that they were being unfairly treated by certain manufacturers and wholesalers of drugs and cosmetics in the adoption of refusal-to-sell policies, a number of representatives of distributors of these goods, at a meeting in this city, October 29, formed an organization to combat what they called "monopolistic tendencies." The group comprised retailers, various types of wholesalers, department stores, and resident buyers.

The new organization, which is to be national in scope, is called the Consolidated Drug League. Organization will be completed at a second meeting, probably this week. Irving Feldman, of Kirby, Block & Co., resident buyer, presided at the meeting last week.

A similar meeting of protest was held the same day by toilet goods buyers for concerns that sell at cut prices. In this meeting the refusal of manufacturers to sell to price-cutters was declared to be a "conspiracy and monopoly in restraint of trade."

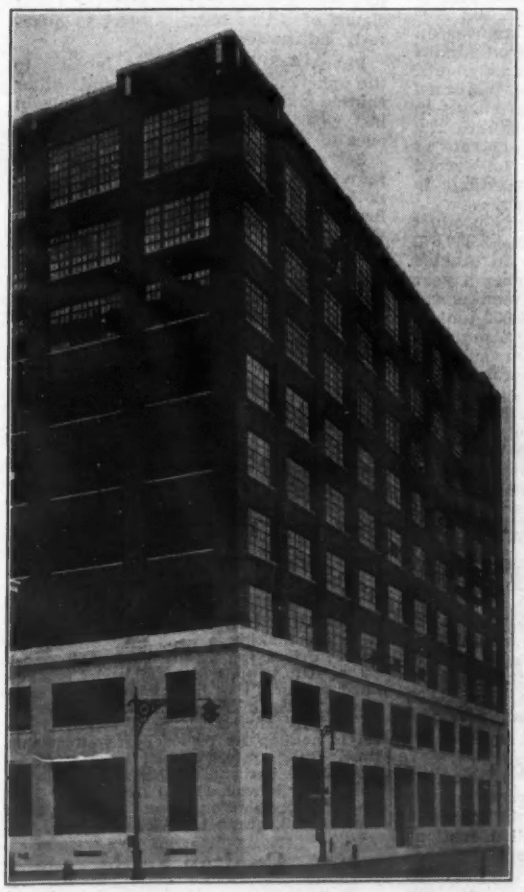
I. C. I. Setting Up Pension Fund

Imperial Chemical Industries is to put into effect January 1 what is said to be one of the most comprehensive workers' pension fund plans, according to information received by the Department of Commerce from the consulate-general in London. The plan, which is optional, is being promoted to provide pensions for all employees not at present provided for, and it is reported that approximately 40,000 workers will be able to take advantage of the plan.

Frank L. LaMotte, president of the LaMotte Chemical Products Company, Baltimore, has purchased a ten-acre tract of land on York road, nine miles from Baltimore. He said that eventually a laboratory for the company would be built on the property.

General Dyestuff Corp. to Move into New Home

The General Dyestuff Corporation will occupy the building just erected on an entire block front on the west side of Hudson street from Leroy to Morton streets, this city. The date for removal to the modern nine-story structure, which has been leased for 21 years at a total net rental of $2,500,000, has not as yet been made known; it will be as early as possible.



The new building, pictured herewith, will house the executive and general offices, as well as the main laboratory. These units will be moved from 230 Fifth avenue, this city, having been located at that address for 11 years. Inasmuch as modern delivery equipment and warehousing facilities are available in the building, the present warehouse at 21 Moore street, this city, will be abandoned.

Should activities of General Dyestuff Corporation warrant further expansion in housing, the foundations of the new structure are so constructed as to permit three additional stories in height. With many exceptional interior features, the building is said to be the largest of its type to be completed in this city within the last five years.

The General Dyestuff Corporation, of which E. R. Halbach is president, is a prominent factor in the coaltar dye industry, having been founded in 1924 by the late Herman Metz whom Mr. Halbach succeeded as president. The company maintains branch offices in the larger cities, including Boston, Chicago, Philadelphia, Providence, San Francisco, and Charlotte, N. C., and carries warehouse stocks at strategic points throughout the country. The General Aniline Works, Inc., a manufacturing affiliate of the General Dyestuff Corporation, will also be located in the building.

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Dyestuffs and Textile And Leather Chemicals

Egg Yolk Advanced—Egg Albumen Unchanged—Ground Sumac Lower — Mangrove Bark Reduced — Bichromates Continue Active — Corn Derivatives Slow — Zinc Dust Firm

The market for dyestuffs and tanstuffs noted a highly irregular call during the week just closed. Irregularity in the call could be attributed to apprehension about the national election, together with the effort by manufacturing consumers to hold down commitments to actual production requirements. The market was featured by an advance in price for egg yolk and a lowering of prices.

Advance in price for egg yolk resulted mainly from the reports from the primary market telling of increased production costs and the continuance of an active inquiry, under seasonal influence, in this market. Egg albumen continued unchanged. There was little to report in the market for corn derivatives, demand being confined to actual wants, but the price tone remained firm, mirroring the continuance of a similar tone in the basic product. Zinc dust held unchanged, the undercurrent was firm. Quebracho was quiet, many consumers having purchased in anticipation of the rise in price October 1. Common gambier was nominal. Mangrove bark was slightly lower. Myrobalans was quiet. There was a good call for wattle bark. Bichromates were firm, the 1937 price schedule was not expected for a few weeks as yet. Antimony salt was slow. Alumina chloride noted a routine demand, prices were unchanged. Natural indigo was firm. Fustic and logwood held steady.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Egg yolk, 1c. per lb.

Reduced

Mangrove bark, 50c. per ton.
Sumac, ground, $1 per ton.

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
152.5	152.5	152.4	151.4

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Chloride.—A fair demand was reported for this product again last week, consumers were covering for nearby production requirements. Prices ruled steady to firm.

Antimony Salt.—This market was much the same as in the preceding period, demand being confined to small quantities. Prices ruled steady to firm.

Potash Bichromate.—Business in this direction continued at a good pace, the call indicating consumers were covering when needs reached an urgent point, but the volume was sufficient to give the market a firm price appearance.

Potash Prussiate.—The market for the red material continued to experience an irregular call, but quotations were steady to firm. The buying of the yellow article was fairly good. Quotations were steady to firm.

Soda Bichromate.—This market presented little variation from recent weeks, the call indicating that consumers were operating on representative production schedules. A decidedly firm tone ruled the dealings.

Zinc Dust.—There was a good call in evidence here again last week. A firm tone ruled the dealings, for a similar tone was shown in the basic product.

Dyestuffs

Annatto.—The market for paste and seed annatto revealed little change again last week. Consumers were holding to the policy of purchasing on a hand-to-mouth basis. Prices continued to display a steady tone.

Archil.—Although shipments were moving out at an irregular pace, indicating consumers were not purchasing beyond actual wants, the prices continued to display a firm tone.

Cochineal.—The call for Teneriffe silver and grey cochineal followed a highly irregular course throughout the week. However, quotations continued to display a firm tone.

Fustic.—This market was much the same as in the preceding period, with consumers adhering to a conservative buying policy, but the price tone remained firm. Sellers were naming quotations in effect in the preceding period.

Indigo.—A good demand was reported for synthetic indigo. Sellers were adhering to previous prices. The market for natural indigo continued quiet, but a firm tone was prominent, the firmness resulting from the limited amount of material on hand.

Logwood.—Business continued at fairly active pace, but the volume moved was not sufficient to change the price structure of the market.

Madder, Dutch.—Demand continued slow. Occasional small lots made up the call. Prices ruled firm. Firm price position reflected the limited amount on hand.

Sizing Materials

Albumen.—The call here continued at a slow pace throughout the period under review, but the market retained a steady tone, for word from the primary market indicated that a strong tone was in evidence in the dealings there. There was little to report in the market for the blood item. Prices were unchanged.

Dextrin.—Business in corn derivatives continued at a rather slow pace throughout the greater portion of the week, consumers being inclined to hold down commitments to actual production wants. However, the general price tone continued firm.

Egg Yolk.—The market for egg yolk noted an increase in price by 1c. per pound, sellers were naming 51c. to 53c. per pound, according to quantity. Advance in price could be attributed to increased costs, together with the betterment in demand here.

Frozen Eggs.—The market on the New York Produce Exchange was dull. On Friday November whole mixed futures closed at 18.35c. to 19.00c.; December, 18.30c. to 19.15c.; January, 18.35c. to 19.30c.; February, 19.30. Spot nominal.

Starch.—The market for corn derivatives continued to display a firm tone. A good portion of the firmness resulted from the continuance of a similar tone in the basic material. Prices ruled unchanged. On the demand side of the market sellers indicated that consumers were withdrawing amounts sufficient to cover actual needs.

Tanning Materials

Divi-Divi.—Demand in this market was neglible. Prices were strictly nominal, reflecting the limited amount on hand.

Gambier.—Business in the market for common gambier indicated the continuance of a scarcity of supplies. Prices were nominal. There was little to report in plantation and Singapore cubes. Quotations held unchanged.

Mangrove Bark.—The market for this product noted a slight decline, sellers were listing $25.50 to $26 per ton.

Myrobalans.—This situation offered little change, buying of J-1 material being restricted to small quantities, but the prices were unchanged. There was a fair demand for J-2 and R-2 material, but no change was uncovered in the quotations.

Quebracho.—A rather quiet market was noted in this direction. The quiet could be explained by the volume buying done in anticipation of the recent advance. Business was made up largely of shipping against previously made commitments.

Sumac.—Sellers were naming $54 per ton for ground sumac and $58 per ton for leaf sumac. Demand was fair.

Valonia.—The call for beards was spotty. Sellers were reporting a nominal quotation of $46 per ton. Price for cups was also nominal at $34 per ton.

Wattle Bark.—The call for this material was good during the week just closed, sellers were quoting $30 to $31 per ton.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

Nichols Medal of 1937 Awarded Dean Whitmore

The William H. Nichols Medal of the New York Section of the American Chemical Society, outstanding distinction in chemical science, has been awarded for 1937 to Dean Frank C. Whitmore of the School of Chemistry and physics of Pennsylvania State College, it is announced by Dr. Walter S. Landis of this city, chairman of the medal jury.

The honor, founded in 1902 to "stimulate original research in chemistry," goes to Dean Whitmore "for his studies in metallo-organic compounds, especially those of mercury, and in the field of aliphatic chemistry, particularly in molecular rearrangements and in the polymerization of olefins," according to the citation. Presentation of the medal will take place at a meeting of the New York Section on March 5.

Dean Whitmore is a native of North Attleboro, Mass. He took the B. A. degree at Harvard University in 1911, the A. M. in 1912, and the Ph.D. in 1914. He has been active in varied scientific fields. He was chairman of the division of chemistry and chemical technology of the National Research Council and a member of other divisions of that organization. He has been consultant of the Bureau of Chemistry and Soils and of the Chemical Warfare Service. He was a councilor of the International Union of Chemistry in 1931, and is a member of the advisory committee on cancer research of the Graduate School of Medicine at the University of Pennsylvania.

India Plans Exposition

An all-India industrial and agricultural exhibition, organized by the United Provinces Government, will be held at Lucknow, India, December 5 next to February 4, 1937. The exhibition is intended primarily for Indian products of all kinds and for industrial and agricultural machinery from abroad. Finished foreign products which at present are not manufactured in India and which do not, in the opinion of the secretary of the exhibition, compete with similar goods of Indian manufacture may also be exhibited and sold. The main sections of the exhibition will be:—Chemicals, textiles, engineering, sugar, transport and communications, wood-working and forestry, leather, metal-working, handicrafts, agriculture, horticulture and hydro-electric.

Intending exhibitors are urged to engage their stalls early as all stalls must be occupied by December 1. Extensive arrangements have been made for a great variety of recreation and entertainment. The exhibition will be held in Victoria Park and adjacent area, comprising nearly 160 acres. Sir Harry Graham Haig, governor of the provinces, is chief patron, and H. R. Shivdasam, joint secretary.

M.I.T. to Expand Research With $12,500,000 Fund

The Corporation of the Massachusetts Institute of Technology, at its Autumn meeting, ordered a program of expansion of educational activities and enlargement of facilities for student welfare calling for a fund of $12,500,000.

The program, as outlined by Dr. Karl T. Compton, president of the institute, will require a capital expenditure of $2,750,000 for new buildings and equipment, and a capital fund of $9,750,000 to produce an annual income of about $390,000. The major objectives of the plan, which will be brought to fulfillment as soon as possible, include a biological engineering laboratory, funds for research and fellowships, a new aeronautical wind tunnel, a naval towing tank, a new dormitory to house 100 students, and a large gymnasium or an addition to Walker memorial, the student recreation center.

Leslie-California to Buy Arden

Stockholders of the Leslie-California Salt Company have ratified a plan looking to the acquisition of the assets and business of the Arden Salt Company through consolidation. The program contemplates the formation of a new company to be known as the Leslie Salt Company, with the following directors:—St. John Whitney, L. D. Adams, J. M. Trully, A. Hewitt, F. B. Bain, Rudolph Schilling, and A. L. Chickering.

New Jersey Zinc Company, this city, has engaged Harry W. Smith, jr., as a member of its sales development staff. Mr. Smith was connected with the publicity department of the American Gas Association's testing laboratories.

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Acetaldehyde
Crotonic Acid
Iron Acetates
Methyl Acetate
Crotonaldehyde
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Aluminum Formate
Sucrose Octa Acetate
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for oils, fats, waxes, resins, rubber.
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for organic synthesis, quinaldine dyes, rubber accelerators.
OIL PURIFIER
for removing undesirable impurities from lubricating oils.
INSECTICIDE
for irritating agent causing insects to expose themselves to toxic vapor.
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MINES IN NEW CALEDONIA

Tung Oil Production Standardization Urged

(Continued from page 3)

Mr. Concannon made the point that tung nuts and soybeans fit well together as companion crops because of the industrial use of combinations of the two oils. He referred also to the experimentation in the growing of perilla seed.

The latter part of Mr. Concannon's address was devoted to advice and caution in respect of the possibilities and practicability of growing tung trees. He pointed to the necessity for proper selection of soil, as well as of locality, and for adequate cultivative attention to the plantings. He drew an analogy with experiences in "farming by proxy" and "fireside farming" in the citrus field, and he concluded:—

I can assure you, from letters which I have received on the subject, many correspondents visualize tung oil production and the development of this industry as some sort of a sweet dream set to the music of delightful Southern breezes rustling through the branches of tung trees laden with rich fruit, a gift in some magical way from Mother Nature without care or attention on the part of the owner. This dream of a tung oil paradise is altogether too generally held, and we know the difficulties and the hazards of this industry, as well as the rewards which are inherent in it, should lose no opportunity to struggle against every evidence of baseless promotional activities and should lend our support to every educational effort and to every constructive undertaking which has for its goal the ultimate development of the industry upon a safe and sane foundation.

The development of a domestic tung oil industry is a long-range undertaking; it is a big undertaking; it challenges in its responsibilities, as well as in its potentialities, the best minds and the most aggressive spirits in the government, among industrial consumers, and particularly among Gulf coast producers.

In conclusion let me say that this year, in my opinion, marks a notable milestone —a turning point. It will probably go down in history as the year in which the infant cast off its swaddling clothes and, though production of tung oil in the United States should still be classed as an "infant industry," it is a lusty infant—a two-million-pound infant—and growing fast.

The Bureau of the Census has published a tabulation of tung tree plantings in 1935, with a comparison with those in 1930. This shows an increase from 350,793 trees, reported by 144 farms, in 1930, to 3,632,361 trees, reported by 627 farms in 1935. State distribution of the plantings in 1935 was as follows:—

	Farms.	Acres.	Trees.
Alabama	104	794	63,364
Florida	174	13,478	1,064,511
Georgia	101	3,076	215,898
Louisiana	41	2,659	213,009
Mississippi	192	20,078	2,068,119
Texas	15	81	7,460

Government Attitude Assailed

In the meeting of the tung oil association, there was vigorous and general criticism of the attitude of the government toward tung oil developments in this country. Particular condemnation was voiced with respect to what was styled as "adverse" report, issued by the Federal Farm Board a year ago. This report, it was declared, was based on very inadequate fact-finding, which, it was said, was typical of bureaucratic methods.

J. C. Adderley, president of the association, who is a pioneer in tung growing, made a strong plea for co-operation of manufacturing industry and agriculture, with the aid of science, to effectuate economic security and prosperity for the entire American people. Development of new products is the remedy, said Carl B. Fritsche, managing director of the Farm Chemurgic Council, with which to restore the full productive capacity of 100,000,000 acres, reduced by shrinking demand for farm products.

Dr. Charles H. Herty, director of the Pulp and Paper Laboratory, Savannah, reported further progress in his researches to develop Southern pine as a raw material in paper-making. He said he had succeeded, by defatting the wood, in making it suitable for the manufacture of high-grade white paper.

Robert Palmer, chief chemist for Newport Industries, Inc., described newly developed processes by which twenty-one products can be made from pine stumpage. The conference party made an inspection visit to the Newport plant.

Millard Caldwell, congressman from Florida, speaking on "The Nation's Interest in Agriculture," discussed chiefly conservation of the soil and the forests. He foresaw economic benefits for the South in the growing of pine for paper-making and of tung nuts for oil.

Dr. H. E. Barnard, director of research for the Farm Chemurgic Council, discussed "Chemurgic Research Applied to Southern Farms and Forests." He particularly urged the importance of adapting agricultural practices to the growing of materials from which to produce alcohol to supplement and succeed the supply of gasoline as a motor fuel.

Association Elects

In its separate business meeting, held in the afternoon October 20, the Tung-Oil Association of America heard the reports of its officers and had a round-table discussion comprising markets and marketing, grove costs and values, cultivation, fertilization, milling and oil extraction, and soil characteristics.

The electon for officers resulted in the return of the retiring executive personnel:—

President, J. C. Adderley, Pensacola, Fla.

Secretary, Earl Wallis, Valparaiso, Fla.

State vice-presidents, J. H. Riedemann, Citronelle, Ala.; H. W. Bennett, Gainesville, Fla.; J. B. Wright, jr., Cairo, Ga.; E. Spraker, Hammond, La.; Henry Bryant, Moss Point, Miss.; H. L. Lea, Houston, Texas.

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because in the extensive investigation which preceded its development, certain new and different fundamentals of outside paint durability were established which necessitated the creation of its many outstanding characteristics. The part that Cryptone MS-130 plays in a priming paint is unique. It conforms ideally to the recently established primer function known as "buffer action" in relieving the stresses and strains between the finish paint and the wood, or between the new finish paint and the old painted surface. It aids adhesion to all woods and to old paint.

As a general house paint pigment it reduces cracking and checking tendencies when used alone or in conjunction with other pigments. It imparts moderate, controlled chalking and cleaning. It possesses excellent tint retention and non-settling properties. Cryptone MS-130 is a high bulking, high hiding, low cost pigment.

Leading paint manufacturers are using Cryptone MS-130. If you have not tested it, send in the coupon and we will send a sample promptly, with complete information.

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160 Front Street, New York

Send me a sample of Cryptone MS-130.

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Oils Freights Basis Offered by I. C. C.

(Continued from page 3)

viding line between the two groups was not an issue at the hearings; that there was no testimony bearing on such a proposal, and that the commission was not justified in making what he described as "a gratuitous proposal to respondents to make increases in rates which they have not sought and do not desire." He declared that the evidence justified a finding that the vegetable oil rates be restricted to containers holding one gallon or more of liquid oils and 8 pounds or more of plastic oils. He argued that a division on this basis would be justified by the difference in competition between purchasers of both edible and inedible oils in various sized containers.

In three orders issued this week the Interstate Commerce Commission has granted to shippers of babassu oilcake and meal and tucum oilcake and meal the same fourth-section relief that it earlier granted to shippers of cottonseed products, in certain sections of the country.

The orders permit the establishment of minimum rates and the maintenance of higher rates between intermediate points on shipments from points in Southern territory to destinations in zones I and II of the North Central region, and between points in Carolina zones I and II and destinations in trunk-line (including the Buffalo-Pittsburgh zone) and New England territories.

Texas Carbon Black Ban Taken Up by High Court

WASHINGTON, Oct. 26, 1936.

The Supreme Court of the United States has agreed to review the decision of a lower Federal court holding constitutional a Texas gas conservation law restricting the manufacture of carbon black. The law prevents carbon black manufacturers in the Panhandle field from using sweet gas as a raw material and requires the use of sour gas. Sweet gas is suitable for household use, whereas sour gas is not, but it is declared that sour gas is suitable for carbon black production. The Texas law was attacked on several constitutional points but was held to be valid. The appeal is brought by the Henderson Company and the Portland Gasoline Company.

Paint, Varnish, Lacquer Materials

Titanium Pigments Undergo Price Revision — Lower Quotations Effective Today — Lead Oxide Prices Rise — Trade Continues Light—Naval Stores Quiet

Reduced prices for titanium dioxide, barium and calcium base titanium pigments, and a revised schedule of prices for lead titanate, all effective today, furnish the metallic pigment market with a surprising feature. The entire schedule for titanium pigments was revised and in the case of the barium and calcium compounds, new quantity prices apply on orders of 1,000 pounds or over.

The reduction in titanium pigments prices over-shadowed a boost in the so-called card prices for lead oxides, which took place when metallic lead crossed the 4¾c. per pound mark at New York on Thursday. Car lot prices for red lead and litharge advanced twice during the week—once with each rise in the metal on Tuesday and Thursday of last week. The lead market's move was its first basic change since last February and the change in card prices for red lead, litharge and orange mineral was the first to have taken place in more than a year. The last previous change in card prices for lead oxides was on September 19, 1935. White lead was not included among the changes in lead prices last week but the market was technically strengthened by the move.

Today's reduction in prices for titanium products may have an effect upon the position of titanated lithopone. but up to the present writing there was no change in the lithopone price line-up.

Rosin and turpentine were quiet in the local market last week and domestic purchases in primary centers were along the same conservative lines noted in recent preceding weeks. There were reports of a somewhat better export inquiry for rosin but sales apparently were limited to unimportant quantities. Changes in quotations were comparatively narrow and the markets here and in the South had a firm undertone.

Trade in paint, varnish and lacquer chemicals showed a moderating tendency last week. Fall business has been well dimensioned but the arrival of a little colder weather during the past few days signalized the termination of the Fall painting season and trade was very spotty during the final part of the week.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Lead, pig, ½c. per lb.
red, car lots, ½c. per lb.
l.c.l., ¼c. per lb.
Litharge, car lots, ½c. per lb.
l.c.l., ¼c. per lb.
Orange mineral, ¾c. per lb.
Rosin, 5c. to 20c. per 280 lbs.

Reduced

Titanium, dioxide, ¼c. to 1c. per lb.
pigment, calcium or barium base, ¼c. per lb.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
131.4	131.4	131.4	131.9

Market news that may have developed after this report was sent to press will be found on page 4.

Metallic Lead and Zinc

Pig lead prices bounded upward last week. The first movement took place Tuesday when the low-priced seller in the New York market advanced quotations $2 per ton and the higher priced factor raised quotations $1 per ton. At Tuesday's advance, the market was 4.70c. to 4.75c. per pound, New York, and 4.55c. per pound, East St. Louis. Another advance took place on Thursday, and this time, all factors raised the market by $2 per ton. Thursday's prices were 4.80c. to 4.85c. per pound at New York and 4.65c. per pound at East St. Louis, the highest level the market reached since 1931. The advance on Tuesday was the first general movement in the market since February but was prefaced two weeks ago by an advance of $1 per ton by the seller who had quoted a premium of $1 per ton over the market. There was a brisk business in the metal throughout last week. Producers opened their December books and the coverage for that position was quite heavy. All sorts of purchasers were in the market and the cable makers were prominently identified. A report of the American Bureau of Metal Statistics indicated that consumption of lead in Great Britain for the first nine months of this year averaged 29,190 short tons monthly.

Slab zinc did not move in price last week. Purchasing interest was keen as many had expected that the market would rise with the upward march of lead prices. The zinc position was statistically better than that of lead but some sellers were evidently willing to go along at current prices. The quotations were based at 4.85c. per pound, East St. Louis.

Lead.—Prevailing spot prices at New York, East St. Louis, and London for the period from October 24 to October 30, inclusive, were as follows:—

	Pigs		Spot. London. Per ton		
	Per pound				
	New York.	E. St. Louis.	£	s.	d.
Saturday	$0.0460@.0470	$0.0450	..	..	..
Monday	.0460@.0470	.0450	18	11	3
Tuesday	.0470@.0475	.0455	18	10	0
Wednesday	.0470@.0475	.0455	18	17	6
Thursday	.0480@.0485	.0465	18	18	9
Friday	.0480@.0485	.0465	19	10	0

Zinc.—Prevailing spot prices at New York, East St. Louis, and London for the period from October 24 to October 30, inclusive, were as follows:—

	Slabs		Spot. London. Per ton		
	Per pound				
	New York.	E. St. Louis.	£	s.	d.
Saturday	$0.05275	$0.0485	..	..	..
Monday	.05275	.0485	15	1	3
Tuesday	.05275	.0485	15	1	3
Wednesday	.05275	.0485	15	3	9
Thursday	.05275	.0485	15	5	0
Friday	.05275	.0485	15	12	6

Pigments

The reduction in prices for lead titanate, titanium dioxide and the barium and calcium pigment compounds which takes place today, overshadowed the importance of the change in so-called card prices for lead oxides, which were revised last week for the first time in many months. Car lot prices for red lead and litharge moved up twice last week, once with each move in the metal. The revision of prices for the titanium products will be a surprise to the trade today and it is wondered whether or not the sellers of titanated lithopone will follow with lower prices. The reduction in prices places the market for titanium products at its cheapest point in history.

White Lead.—Although metallic lead prices advanced one-fifth of a cent per pound last week, there has been no change in the position of this article. The market has been strengthened materially, however, and the price of the basic metal is higher than it was at the time current prices for white lead were established.

Red Lead.—Car lot prices advanced 1/10c. per pound on Tuesday and another 1/10c. on Thursday, and, when the price of pig lead crossed 4.75c. per pound, basis New York, in the price movement on Thursday, the so-called card prices for l.c.l. quantities advanced ¼c. per pound on all strengths and at all delivery points. Car lot prices were:— 95 percent or less Pb_3O_4, 7.30c. to 7.55c. per pound; 97 percent, 7.55c. to 7.80c.; and 98 percent, 7.80c. to 8.05c. per pound. The remainder of the schedule for 95 percent material was as follows:—5 ton lots, delivered Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts., in Ore., and Wash., 8c. per pound; 5 ton lots delivered Ariz., Idaho, Nev., Utah, and E. of Cascade Mts., in Ore. and Wash., lb., 8½c.; 5 ton lots delivered Colo., Mont., N. Mex., Wyo., 8¼c. per pound; and

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

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5 ton lots delivered other points, 7¾c. per pound. Prices for less than 5 tons are:— delivered Ala., etc., 8½c.; delivered Ariz., etc., 9c.; delivered Colo., etc., 8¾c.; and delivered other points, 8¼c. per pound. Usual differentials prevailed for 97 percent and 98 percent material.

Litharge.—The advances in metal prices raised the car lot quotations of this oxide 1/5c. per pound last week. When New York pig lead prices crossed 4¾c. per pound, the card prices for less than car lot quantities of litharge were advanced ¼c. per pound, marking the initial change in the market for the past many months, Car lot quotations now range from 6.30c. to 6.55c. per pound, according to delivery zone; 5 ton lots were 6¾c. to 7½c. per pound, the price for smaller quantities ranged from 7¼c. to 8c. per pound, according to delivery zone.

Lithopone.—Sellers of titanated lithopone reported that no price change was contemplated but the reduction in the prices for titanium dioxide and the calcium and barium compounds today may alter the situation.

Titanium Pigments.—Quantity prices for titanium dioxide were reduced 1c. per pound and quantity prices for barium and calcium base pigments were lowered ¼c. per pound, effective today. The remainder of the schedule was lowered also. Titanium dioxide in bags is now as follows:— c.l., 16c.; l.c.l. to 1,000 pounds, 16½c.; 50 - 999 pounds, 16¾c.; and less than 50 pounds, 19c. per pound. Bag prices for calcium, and, for 25 percent and 30 percent barium, base pigments are as follows:— 1,000 pound lots or over, 5¾c. per pound; 50-999 pounds, 6c. per pounds; less than 50 pounds, 6¾c. per pound. Prices for barrels are ½c. per pound additional.

Lead Titanate.—Although there was no basic change in prices, the schedule was revised as follows:— Car lots (40,000 pounds), 10c. per pound; 5 ton lots, single delivery, 10¼c. per pound; and less than 5 ton lots, 10½c. per pound.

Zinc Oxide.—Sellers were still making deliveries against orders that were booked at the low prices which were in effect up until the first of last month. These deliveries were billed as of October 1, in accordance with the offer made by sellers prior to last month's price rise.

Fillers and Extenders

Suppliers of fibrous talc and sellers of mica products reported a similar condition for each of their respective commodities last week. Both indicated that prices had not changed but the markets were gaining in strength. In the case of fibrous talc, higher prices may be looked for over 1937. As reported here a week ago, prices for flake graphite for pigment use were advanced. The condition of international currency exchanges was still more or less unsettled and there have been no further price reductions reported for imported fillers, mineral whites and opaque pigments, since the recent reductions in Italian talc.

Graphite.—As reported a week ago, prices on flake material for pigment use were advanced 1c. per pound. Material testing 90 percent through 300 mesh, containing 50 percent graphitic carbon, was now priced at 6c. per pound in car lots, basis works, packed in bags. The car lot price for barrels was 6¼c. per pound and 6½c. per pound in smaller lots.

Mica.—Suppliers of wet and dry ground material reported that prices continued without change but there was a visible growth of strength in the market. Competitive selling which brought prices to their current level was evidently becoming less pressing.

Whiting.—Grinders of chalk and limestone grades of this commodity reported a steady and serene market. There has been no change in prices and the demands of the market have been more or less routine.

Dry Colors

Color prices have been without change and the condition of the market during the past week was steady. Trade was reported to have undergone a rather sudden lull during the week but contract withdrawals and open order business has been good throughout the Fall months. Imported earth colors have not undergone any price changes as the result of the shifted position of international currency exchanges.

Carbon Black. — Both branches of the Texas Legislature passed a bill last week which provided for a tax of 1-12c. per pound on carbon black in Texas fields sold at 4c. per pound or less, and, a tax of 3 percent on the selling price of all black sold above 4c. per pound. It was expected that the Governor of Texas would sign the bill at once. At the aforementioned rate of tax, the large volume of black sold—standard grade selling in largest volume around 5.05c. to 5.35c. per pound delivered—will be taxed at 1-12c. per pound but an emergency freight rate saving which becomes effective on the first of the year should come close toward neutralizing the increase in the tax on this grade. In the case of the specialty blacks for the paint, varnish, ink and enamel trades, which range in price from 5c. to $1.10 per pound, the 3 percent tax will amount to a sizable increase in cost.

Chrome Green Oxide.—Although prices were advanced recently and the selling at abnormally low prices has been terminated, some producers felt that even a higher market should prevail.

Chrome Yellow.—The prices held at the advanced levels that were established at the beginning of last month. The demands of the market were not more than mildly active last week and perhaps somewhat less active than a week ago.

Iron Blues.—There have been no new or important developments in the market and the price situation was regarded as having been quite steady.

Ocher.—There has been no change in the position of this article since last August when quotations were lowered as the result of cheaper import duties. The forward position of the market cannot be forecast because of the unsettled condition of international currency exchange.

Spanish Oxide.—There have been no replacements of this commodity in recent months and the suppliers have been offering a similar type of oxide, which is understood to be imported from England, as a replacement.

Varnish Gums

The replacement costs of natural varnish resins have been held in a steady position during recent weeks and there were no changes reported by the importers of those products last week. Trade continued at the limited pace of recent weeks. New bookings of contracts have been few and the takings against standing agreements have been moderated during the past week or so by the colder weather.

Copals.—There have been no further changes in prices for Congo gums since the reduction in the price of No. 19 grading a week ago, which completed a series of reductions in almost all of the 28 gradings of copal gum. The demand side of the market has been mildly active since the decline of prices. Other copal gradings have been steady.

Dammar.—The Batavia and Singapore gums continued in an unchanged position in the replacement market. The latest reduction was the decline of A/E grading which was reported here a week ago. Batavia dust was also lowered at that time.

Synthetic Resins

Manufacturers of synthetic resins have been favored with a fairly active

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market throughout the Fall months but in company with other ingredients for paint, varnish and lacquer manufacture, the Fall season approached its terminating point and last week's trade was no better than spotty. Prices continued unchanged.

Naval Stores

Primary and local markets for naval stores had a generally firm tone last week despite the absence of any change of consequence in the attitude of consumers. In the case of rosin there was fairly steady inquiry from buyers in the soap, paper and other consuming industries but much of the purchasing was of a very conservative character, as usual on the eve of a national election. An increase was noted in the volume of export inquiries for rosin and some business was reported to have been closed with South American and Far Eastern buyers though sales for the week apparently did not involve important quantities. Foreign interest in turpentine, after showing an improvement recently, fell off again last week, few export transactions being reported.

Advices from the South furnished nothing very striking in the way of statistical news. Receipts at primary points continued rather free, as weather conditions were generally favorable. Rains were reported at various points in the Southeast but the precipitation was too light to check operations in the woods. The outward movement from seaboard markets, though lighter than recently, was sufficient to prevent any marked change in the statistical position although stocks showed a moderate increase at one time. Supplies of both turpentine and rosin in the three principal markets in the South are smaller than at this time last year, the difference in the case of rosin being pronounced.

According to consular advices, Germany is endeavoring to establish a naval stores industry and during the new forestry year a total area of about 5,000 hectares will be worked. Heretofore the development work has been conducted entirely by an organization of young men similar to the Civilian Conservation Corps in this country, but it is now planned to engage private workers in the undertaking. Intensive research is being conducted for the purpose of developing improved scientific methods for tapping the trees and processes have already been devised for recovering dark rosins from tree stumps.

Turpentine. — Quiet conditions prevailed much of the time and the situation lacked features of more than ordinary interest. Consumers are said to be carring light supplies but the opinion existed in some selling quarters that no material change in the character of business is likely to be witnessed until election uncertainties have been removed. Prices showed irregularity in company with the course of primary centers but the undertone here appeared to be firm. Fair sales were reported in Southern markets to domestic consumers but export demand was slow throughout the week. Marketing continued rather free.

SAVANNAH, Oct. 30.—The turpentine market was more active with prices irregular. Following is a record of the market for the week:—

	Per pound.	Barrels			Market
	Cents per gal.	Sales.	Receipts.	Shipments.	Stocks.
Saturday ..	37½	88	304	1,866	35,846
Monday ...	36	276	257	163	35,940
Tuesday ...	36¼	156	517	78	36,379
Wednesday..	36¾	157	287	60	36,606
Thursday ..	36	25	253	156	36,703
Friday	36½	173	198	...	36,901

JACKSONVILLE, Oct. 29.—Turpentine was quiet, but the market had a firm undertone. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Receipts.	Shipments.	Stocks.
Friday	35¾	50	223	22	45,129
Saturday ..	35¾	...	243	15	45,357
Monday ...	35¾	....	368	20	45,705
Tuesday ...	36	88	237	40	45,902
Wednesday..	36¼	...	185	207	45,880
Thursday ..	36¼	28	190	2	46,068

PENSACOLA, Oct. 24.—The turpentine market was quiet and steady. Following is a record of the market for the week:—

	Barrels Receipts.	Shipments.	Stocks.
Monday	202	...	30,847
Tuesday	101	162	30,786
Wednesday	86	...	30,972
Thursday	83	...	30,955
Friday	98	244	30,809
Saturday	117	162	30,765

CHICAGO, Oct. 30.—Buying of turpentine is strictly moderate, in accord with seasonal considerations currently. No particular weakness is apparent, and at the same levels that have been ruling for some time prices seem to be in a condition of fair stabilization. Ruling prices at the close of business last night were: Five-drum lots, 47c. per gallon; five wood barrels, 52c.; single drums, 50c.; single barrels, 55c.

LONDON, Oct. 30.—Quotations on turpentine were as follows:—

	Per cwt. In bbls. s.	d.
Saturday	38	9
Monday	38	9
Tuesday	38	9
Wednesday	38	9
Thursday	38	9
Friday	38	9

Stocks of American turpentine in London were:—

	Oct. 30.	Previous week.	Last year.
Barrels	18,774	18,598	10,182

Rosin. — Quotations showed irregularity at times in company with developments in the South but changes from day to day were generally unimportant and the prevailing undertone here as well as in primary centers was firm. Locally, business was of a conservative character, consumers being disinclined as usual at this period, to purchase in advance of current needs, but there was a fair call for small or moderate quantities of the various grades. Domestic business in the South was fairly active and reports were current of some improvement in the foreign inquiry. Weather conditions were generally favorable for operation in the woods and primary receipts held up.

SAVANNAH, Oct. 30.—Changes in rosin quotations were moderate, the undertone of the market being firm. Following is a record of the market for the week:—

	Price per unit—Low of range quoted— Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$6.22½	$6.17½	$6.17½	$6.20	$6.25	$6.25
D	6.22½	6.17½	6.17½	6.20	6.25	6.25
E	6.22½	6.17½	6.17½	6.20	6.25	6.25
E	6.22½	6.17½	6.17½	6.20	6.25	6.30
G	6.22½	6.17½	6.17½	6.20	6.25	6.30
H	6.22½	6.17½	6.17½	6.20	6.25	6.30
I	6.22½	6.17½	6.17½	6.20	6.25	6.30
K	6.22½	6.17½	6.17½	6.20	6.25	6.30
M	6.25	6.17½	6.20	6.22½	6.27½	6.30
N	6.25	6.17½	6.20	6.22½	6.27½	6.30
WG	6.25	6.20	6.20	6.22½	6.30	6.35
WW	7.00	7.00	7.00	7.00	7.20	7.20
X	7.00	7.00	7.00	7.00	7.20	7.20
Barrels						
Sales	444	490	739	446	656	193
Receipts...	1,070	1,664	2,399	1,305	977	1,351
Shipments.	3,982	952	853	967	3,680	...
Stocks ..	90,739	91,451	92,997	93,335	90,632	91,583

JACKSONVILLE, Oct. 29.—Rosin was fairly active. The undertone of the market continued firm. Following is a record of the market for the week:—

	Price per unit—Low of range quoted— Fri.	Sat.	Mon.	Tues.	Wed.	Thur.
B	$5.90	$5.90	$5.90	$5.90	$5.90	$5.90
D	5.90	5.90	6.17½	6.17½	6.17½	6.27½
E	6.15	6.22½	6.17½	6.17½	6.17½	6.27½
F	6.20	6.22½	6.17½	6.17½	6.17½	6.27½
G	6.20	6.22½	6.17½	6.17½	6.20	6.27½
H	6.20	6.22½	6.17½	6.17½	6.20	6.27½
I	6.20	6.22½	6.17½	6.17½	6.20	6.27½
K	6.20	6.22½	6.17½	6.17½	6.20	6.27½
M	6.20	6.22½	6.17½	6.20	6.20	6.27½
N	6.20	6.22½	6.17½	6.20	6.20	6.27½
WG ...	6.20	6.22½	6.17½	6.20	6.22½	6.27½
WW ...	6.90	6.90	6.90	6.90	6.95	7.00
X	6.90	6.90	6.90	6.90	6.95	7.00
Barrels						
Sales	657	526	344	307	411	310
Receipts...	1,571	1,036	1,208	1,475	1,067	1,608
Shipments.	189	40	649	200	173	...
Stocks ..	60,853	67,849	68,406	69,683	70,577	71,585

PENSACOLA, Oct. 24.—The rosin market was steady. Receipts were liberal. Following is a record of the market for the week:—

	Barrels Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts..	607	388	332	205	273	313
Shipments	80	100	250	500	489	1,949
Stocks ..	32,490	32,778	32,860	32,565	32,349	30,713

CHICAGO, Oct. 30.—Interest in the rosin market on the part of the buying trade is fairly good at this time, but sellers are not anxious to unload material at anything like serious sacrifices. Ruling prices at the close of business last night were: B grade, $8.67½ per lot of 280 pounds; G grade, $8.67½; M grade, $8.70; W.W. grade, $9.50.

LONDON, Oct. 30.—Quotations on American rosin were as follows:—

	Per cwt. in barrels— Common. s.	d.	W.W. s.	d.
Saturday	16	0	18	0
Monday	16	0	18	0
Tuesday	16	0	18	0
Wednesday	16	0	18	0
Thursday	16	0	18	0
Friday	16	0	18	0

Pine Oil.—The situation continued to be featured by a steady tone, quotations being held at the levels prevailing for some time past. Consumers were not inclined to anticipate, but there was a fair demand for moderate quantities.

Pitch.—A firm tone continued to rule in the local market, quotations generally being maintained at previous levels. There was a steady movement into local and other consuming channels on contracts and transient orders.

Rosin Oil.—The market retained a firm tone in the absence of any material change in the position of basic material in primary centers. Business appeared to be fairly active.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

★ ★

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Tar.—Quotations were stationary and the tone of the market was apparently firm. The movement to local and outside consumers was steady and apparently well up to that of recent preceding weeks.

Shellac

Foreign shellac markets fluctuated within a comparatively narrow range during the past week. In Calcutta, holidays prevailed from Wednesday over the balance of the week. London quotations were reported to have been generally steady and those in the primary market reflected a similar tone. Demand was still rather narrow but the bleachers were fairly busy in completing contract deliveries; the latter indicated that buyers were taking material with a fair degree of promptness. Competition on the spot was still current to an important degree. While open quotations lacked change, it required a firm order in hand definitely to determine the actual prices at which merchandise could be obtained. However, some quarters felt that values were somewhat steadier than they had been.

London, Oct. 30.—London quotations basis of sterling exchange at $4.88, for shellac for later delivery have been as follows (the quotations in United States currency represent prices here and include other handling charges):—

	October 30		October 23	
	Shillings.	Cents.	Shillings.	Cents.
	Cwt.	lb.	Cwt.	lb.
December..	49	10.7	50½	11
March ...	50½	11	52	11.3

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day closing prices were as follows:—

	Per hundredweight	
	December.	March.
October 23	50s. 6d.	52s.
October 24	50½s.	52s.
October 26	50½s.	51s. 6d.
October 27	50s.	51s.
October 28	50s.	51s.
October 29	50s.	51s.
October 30	49s.	50s. 6d.

Calcutta, Oct. 23.—Prices quoted on U.S.S.A. T.N. c.&f. New York, basis of sterling exchange at $4.88, were as follows:—

	Per pound	
	Oct. 30.	Oct. 23.
November	10⅞c.	11⅛c.

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day prices and reports on market conditions were as follows:—

	Per pound.	Market
October 23	11⅛c.	Steady
October 24	11⅛c.	Steady
October 26	11⅛c.	Steady
October 27	11c.	Steady
October 28	10⅞c.	Steady
October 29	10⅞c.	Quiet
October 30	10⅞c.	Quiet

Lacquer Materials

The market for lacquer materials moved through a quiet week. Manufacturing consumers were ordering out in a conservative manner, but the volume showed a slight improvement over the preceding period. Word from the automobile industry continued to tell of the progress being made in stepping up production schedules, and indications were that capacity levels will be reached before the termination of the next month. The automobile show for 1937 models will be held in early November, and therefore dealers must be stocked within the next few weeks. Silk mills were operating at a fair level. Ethyl acetate continued to display a steady tone. Some improvement was shown in the price tone for acetone, demand was somewhat better last week. Butyl alcohol withdrawals were fair.

Acetone.—Demand was fairly good during the week. Prices appeared steadier at the levels in force previously.

Butyl Acetate.—This market displayed a steady to firm tone, consumers were covering for actual requirements.

Butyl Alcohol.—Contract withdrawals indicated the continuance of conservative buying policy, but the market noted a steady to firm tone.

Dibutyl Phthalate.—Nothing of importance developed in this direction, usual consumers supplied what activity was in evidence, prices being unchanged.

Ethyl Acetate.—A fairly good call was shown for this item at times during the week. Prices were well maintained.

Film Scrap.—Prices continued in a firm position. Demand for domestic as well as for export account was fairly good.

Tricresyl Phosphate.—A decidedly firm tone was noted here again last week. Quotations were firm as a result of the scarcity prevailing in the basic material.

Driers

As reported here last week, prices for aluminum, magnesium, calcium and technical zinc stearates were advanced 1c. per pound, October 26. The advance was one that had been expected a month ago, following increased acid costs. The increase applied on spot or open market business and the sellers would take business for ninety days ahead at the aforementioned prices. Aluminum and calcium were increased to 19c. per pound in car lots and magnesium was raised to 21c. per pound in car lots and zinc at 20c. per pound in car lots.

Glues and Binders

Casein. — Prices for French material did not move below the recently established basis of 16½c. to 17c. per pound. Argentine held at 17c. for 20-30 mesh and 17½c. per pound for 80-100 mesh, both in car lots. The domestic material was priced at the same levels as the Argentine. Demand was not overly active during the week.

Glues. — Although it had been expected that the market would advance around this time, there has been no general increase in prices. Raw stocks continued scarce and costly, and, there was a belief in the market that higher selling prices for animal glue would be witnessed shortly.

Balto. P. V. L. A. Plans For National Meeting

The Baltimore Paint, Varnish and Lacquer Association devoted the larger part of its October meeting to preparations for the annual convention of the national organization in Chicago. The Baltimore delegates are to be accompanied by a number of other members, and it was decided that the association's next meeting will be held November 24 and be taken up entirely with a report on the national convention proceedings by the delegates and alternates for the stay-at-homes.

C. Burch Athey, president of the association, announced the following chairmen of committees:—Unfair competition, Leon S. Hanline, of Hanline Brothers; dealer's night and clean-up and paint-up, G. M. Shipper; credit relations, Simon M. Hanline, of Hanline Brothers; entertainment and golf, Frank A. Warner, jr., of William Graham & Co.; membership, R. W. Kilcollins; program, Lloyd E. Stegner, of the Sherwin-Williams Company; attendance, Arthur L. Franklin; trade sales, Martin M. Goldsmith; industrial sales, H. Braith Davis; contact committee, A. Lee Amoss, of the Pittsburgh Plate Glass Company.

President Athey reported that the December meeting will be given over entirely to a Christmas party, to which the members of the Paint Production Club and the Paint Salesmen's Club will be invited.

McCloskey Co. Appoints Bidlack

The McCloskey Varnish Company, Philadelphia, has appointed V. C. Bidlack manager of technical service. Mr. Bidlack was for thirteen years chief chemist for the O'Brien Varnish Company, South Bend, Ind., and later general production manager for the Brandram-Henderson Company, Montreal. He first became connected with the McCloskey company in 1934, and is returning after spending about a year with the Wardway Paint Works, Chicago. Mr. Bidlack was the first president of the Montreal Paint and Varnish Production Club, and is vice president of the Federation of Paint and Varnish Production Clubs. The company also has appointed H. W. Gurkin and Herbert G. Bailey to the sales staff of the eastern division.

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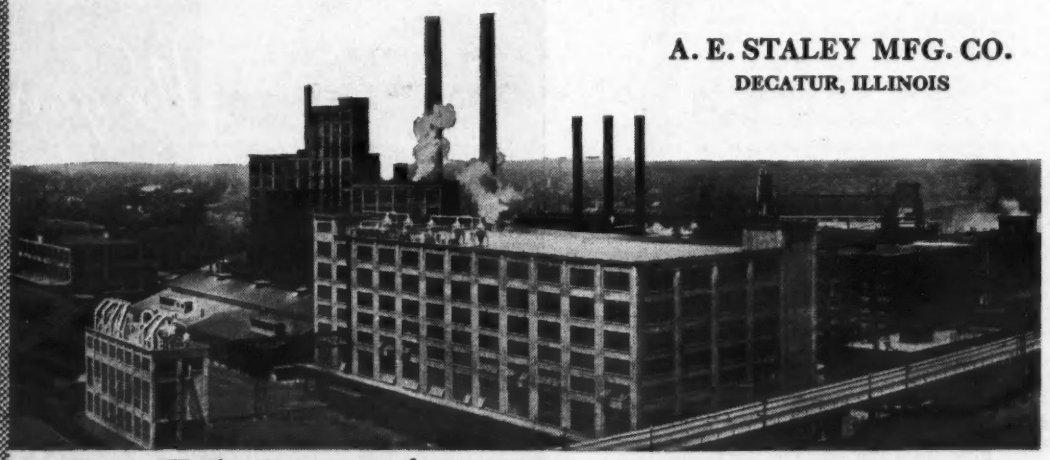

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Oils, Fats and Waxes

Menhaden, Sardine and Whale Oils Higher—Copra and Coconut Oil Quiet and Easier—Rapeseed Oil Continues to Rise—Tallow Offerings Light—Babassu Remains Firm

The market for vegetable, animal and fish oils, fats and greases was rather quiet last week so far as the general list was concerned. Certain technical and edible products met with a fair demand, but as a rule purchasing was limited to comparatively small or moderate quantities, the movement of such lots, in the aggregate, showing a decrease as compared with the previous week. The prevailing tone was steady and late in the week there was an impression among sellers that some broadening of business was likely to be witnessed after the national election. Changes in quotations were about evenly divided between advances and reductions.

Coconut oil was an easy feature of the list of vegetable products, quotations being shaded owing to a decline in copra and a lessened demand for oil. Chinawood oil was still irregular, changes in prices in foreign and domestic markets being narrow throughout the week. Quotations on olive oil were again revised downward, the spot situation being influenced to some extent by reports of freer offerings for shipment at concessions. Babassu oil continued to meet with a good demand and the market still presented a firm appearance, although prices lacked quotable change. Sales of rapeseed oil were reported at a further advance. Fish products were firm or higher. Whale, menhaden and sardine oils were advanced by refiners. Transactions in Newfoundland cod oil were reported at unusually high prices. Tallow was quieter, but in the absence of any increase in offerings the market remained firm at the recent advance. Animal oils were steady with trade routine.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Grease, ¼c. to ¾c. per lb.
Menhaden oil, crude, 2c. per gal.
Menhaden oil, refined, 2-10c. per lb.
Rapeseed oil, denatured, 3c. per gal.
Sardine oil, crude, 2c. per gal.
Sardine oil, refined, 2-10c. per lb.
Tallow, ⅛c. per lb.
Whale oil, refined, 4-10c. per lb.

Reduced

Carnauba wax, No. 1 yellow, ½c. per lb.
No. 2 yellow, ½c. per lb.
No. 3 chalky, ½c. per lb.
refined, ½c. per lb.
Coconut oil, ¼c. to ⅜c. per lb.
Copra, ¼c. per lb.
Corn oil, crude, ⅛c. per lb.
Cottonseed oil, foreign, shipment, ¼c. per lb.
Lard, neutral, 25c. per 100 lbs.
Olive oil, 5c. per gal.
Stearin, ½c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
133.8	132.6	137.6	146.8

Market news that may have developed after this report was sent to press will be found on page 4.

Vegetable Oils

Babassu.—A firm tone continued to prevail, 9¼c. per pound being quoted for oil in tankcars. Demand remained good and the output moved steadily into local and outside consuming channels, leaving spot supplies small. Advices from the Pacific Coast reported a firm market there.

Chinawood.—There was a continuation last week of the narrow fluctuations witnessed in recent preceding weeks, this condition still being a reflection of the situation abroad where shippers still appeared to be inclined to adhere to a waiting course pending further developments in this country as well as the consuming centers of Europe. Although there were frequent changes in the Hankow market, the variations in prices from day to day were within narrow limits and apparently devoid of any particular significance. In such circumstances quotations in domestic markets did not move very far in either direction. Business was quiet much of the time. Inquiries were not entirely lacking, but such transactions as were noted were limited to unimportant quantities.

Coconut. — An easier tone developed in local and Pacific Coast markets for crude oil last week. The trend of copra was reactionary and demand for oil fell off. Although supplies of oil available for immediate or nearby delivery were still unusually small, the lack of buying interest was reflected in shading of quotations here and on the Coast. Conflictnng reports were heard as to prices at which supplies were obtainable and at the close of the week quotations were still largely nominal, the figures being about ½c. to ¾c. per pound lower than at the end of the previous week. Copra was also about ¼c. to ⅜c. per pound lower although offerings appeared to be light. Edible oil was reduced ½c. per pound by refiners.

Cottonseed. — Edible oil quotations were maintained by refiners at the levels prevailing in the previous week, the tone of the market being steady. There was a fairly active demand. Semi-refined imported oil was quiet and the market had an easier tone although offerings remained light.

Mustard. — The market retained a firm tone, previous quotations remaining in effect. Demand was reported as good and production continued to move into consuming channels here and in other centers.

Olive.—Foots appeared to be steadier although quotations remained where they stood at the close of the previous week. Business lacked snap but in some quarters an increase was noted in the inquiries for moderate quantities. Denatured oil was still in light supply on spot, with quotations nominal, but the tone of the market appeared to be easier owing to reports of freer offering for shipment.

Palm. — Demand was rather quiet, consumers being inclined to hold off for further developments in other oils, but there was no increase in offerings and the market retained a steady tone. Supplies on spot were reported as light or moderate.

Perilla. — The market had a steadier tone, but quotations were about stationary. There was a fair inquiry, the purchasing generally being limited to comparatively small quantities.

Rapeseed. — The trend of prices was upward with the inquiry fairly active. Sales were reported on spot at 73c. per gallon for denatured oil and there was apparently little if any available at less than that figure.

Soybean. — Selling schedules were maintained at previous levels by producers and the tone of the market appeared to be steady. The market was rather quiet so far as new business was concerned but the movement into consuming channels on contracts appeared to be holding up well.

Markets at Other Centers

San Francisco, Oct. 26.—The leading feature of the week was coconut oil, when brisk inquiry for prompt shipment oil out of the Pacific Coast preceded a run of business which quickly forced the market up to a point of 6⅞ cents per pound in tankcars, the highest point in years. Afterwards the market sluffed off, but during this time coconut oil futures remained practically constant, the main activity and excitement taking place only in prompt and nearby material, indicative of the fact that consumers had let their supplies run down to bedrock. Today, with a calm market, coconut oil in all positions is in slack demand and is quoted nominally at 6 cents. The balance of the market remained about steady during the past week, with volume of business about routine.

Ruling prices are:—

BABASSU.—Quoted nominally, subject to offerings being available, at 9⅛c. per pound in tankcars for deferred shipment, f.o.b. mill, Coast.

COPRA.—Strong last week, primary sellers advancing their quotations to a point above 4c. per pound, but has, during the last day or so, eased off. One transaction was reported in this market at 4.10c. during the week, but crushers here successfully have bid the market down since then to a point of approximately 3.90c. per pound, c.i.f Pacific Coast ports today. Sellers are quoting on the basis of 3.95c. and inviting counter-offers. Meal is quoted at $33 per ton for domestic, ex mill; Philippine meal quoted at $31.25 ex dock, San Francisco.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7.

COCONUT.—After a heavy demand for nearby and prompt which forced the market up to 6⅞c., oil is today quoted in all positions nominally at 6c. per pound in tankcars for shipment from the Pacific Coast.

CHINAWOOD.—Quoted at 13¼c. per pound in tankcars for October-December shipment from the Pacific Coast and 12¾c. per pound for January-June shipment.

COTTONSEED.—Semi-refined, foreign oil is quoted at 9½c. per pound, duty paid in tankcars, f.o.b. Pacific Coast, October-November shipment.

PERILLA.—Japanese oil is quoted at 9c. per pound in tankcars, prompt to deferred shipment from the Pacific Coast.

RAPESEED.—Non-denatured, pure refined oil is quoted at 8¾c. per pound, duty paid in tankcars, f.o.b. Pacific Coast, prompt shipment. Denatured and refined oil is quoted at 8.05c. Brown rapeseed oil is quoted at 71c. per gallon of 8 pounds, f.o.b. San Francisco. Futures nominal.

TEASEED.—Quoted at 9c. per pound in drums, c.i.f. Pacific Coast ports for prompt shipment from the Orient. New crop, November-January oil, quoted at 8¾c.

SESAME.—Crude oil is quoted at 9c. per pound in tankcars, f.o.b. mill, Pacific Coast.

Chicago, Oct. 30.—While a slight trend to easiness has occurred lately in certain of the vegetable oils, ruling market values have been little disturbed and the current market situation is averaging close to that recently in effect. Interest of buyers is only moderately exhibited at this time.

CORN.—Crude, low acid, 8¾c. to 9c. per pound, partly nominal, tanks, mills. Refined, edible oil, 11¾c. to 12c. per pound, barrels, car lots; and 12c. to 12¼c., barrels, less than car lots.

CHINAWOOD.—Ruling, spot, drums, 14c to 14¼c. per pound; futures, 13c. to 13¼c.

SOYBEAN.—Crude, prompt shipment, 7¾c. to 8c. per pound, mills; deferred shipment, same.

PEANUT.—Crude, 8⅞c. to 9c. per pound.

Chicago, Oct. 30.—Range for spot soybeans for the week ended October 28, 1936:—No. 2, yellow, low, $1.23¼; high, $1.27¾.

London, Oct. 22.—Soybean oil, British crude, 31s. per hundredweight; palm kernel oil, refined, 33s. 9d. per hundredweight; rapeseed oil, crude extracted, 33s. 6d. per hundredweight; coconut oil, Cey-

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lon, 25s. per hundredweight; peanut oil, Bombay, crude, 28s. per hundredweight.

Linseed Oil

Changes in flaxseed prices in domestic and foreign markets were generally moderate last week. Linseed oil was easy at previous levels. Cake and meal steady.

Flaxseed—DULUTH, Oct. 30.—Scattered buying gave the Duluth flax market a firmer tone late last week, but little activity was noted as the current week got under way, and prices were inclined to ease. Light rains were reported in sections of Argentina early this week, which will tend to improve the prospective yield. Cabled advices, however, indicated heavier and more general rains would be welcomed. A trade advice said 35 percent of the Argentine flaxseed crop had reached the flowering stage. Most of the Northwest flaxseed movement continues to be directed to Minneapolis, and cash business here as a result has been quiet.

The week's closing price range was as follows:—

	Cash.	Dec.	May.
Saturday	$2.03	$2.03	$1.97½
Monday	2.01	2.01	1.96
Tuesday	2.01	2.00½	1.96
Wednesday	2.01½	2.01½	1.96
Thursday	2.02	2.02	1.96
Friday	2.03½	2.03½	1.96½

Crop movement in bushels follows:—

	Receipts— 1936.	1935.	Shipments— 1936.	1935.
This week	5,290	96,891	32,587	204,980
Since Aug. 1	619,067	2,288,745	449,074	1,125,554

MINNEAPOLIS, Oct. 30.—Cash flax receipts were quite liberal through the week and in snappy demand, with prices gaining further ground on futures. Up until Monday virtually all of the crushers were in the market competing, but on Monday one of the main buyers dropped out on account of labor trouble. This made an easier tone today, but the market did not weaken much at the start. Along toward the close of the session one or two more buyers dropped out and bids from the rest of them dipped 2c. to 3c. There is nothing coming here from South Dakota and Montana. Farm selling is light and because of the threat of Argentine importations line elevator companies shipped in their interior supplies more freely. According to talk, two cargoes of Argentine seed are on their way to Duluth for transshipment to Minneapolis.

The week's closing price range was as follows:—

	Cash.	Dec.	May.
Saturday	$2.19	$2.04	$1.97½
Monday	2.17½	2.02½	1.97½
Tuesday	2.16	2.02	1.97
Wednesday	2.15	2.03	1.96½
Thursday	2.14¼	2.04¼	1.97
Friday	2.17	2.06	1.99

Crop movement in bushels as follows:—

	Receipts— 1936.	1935.	Shipments— 1936.	1935.
This week	217,560	333,810	3,240	98,290
Since Sept. 1	681,720	5,430,400	180,240	432,230

WINNIPEG, Oct. 30.—The market for flaxseed futures continued quiet with moderate changes in quotations. The week's closing range was as follows:—

	Cash.	Dec.	May.
Saturday	$1.62½	$1.63⅝	$1.67⅛
Monday	1.63	1.64	1.67⅛
Tuesday	1.63	1.64½	1.67⅞
Wednesday	1.62¼	1.63⅝	1.66⅝
Thursday	1.60	1.62¼	1.65⅝
Friday	1.61⅝	1.62½	1.65⅞

BUENOS AIRES, Oct. 30.—Opening prices per bushel on November contracts were:—

	Last week.	Last year.
Saturday	$1.16⅝	$1.07⅛
Monday	1.16⅝	1.07¼
Tuesday	1.16⅝	1.06
Wednesday	1.16¼	1.06⅜
Thursday	1.15⅞	1.08¼
Friday	1.15⅞	*

* Holiday.

Exports

To—	Bushels— Last week.	Previous week.	Last year.
United States	717,000	142,000	402,000
United Kingdom	.....	.....	20,000
Continent	161,000	752,000	480,000
Orders	555,000	189,000	445,000
Others	16,000	189,000	31,000
Totals	1,449,000	1,272,000	1,378,000

Since January 1

To—	Bushels— This year.	Last year.
United States	11,851,000	13,447,000
United Kingdom	843,000	1,311,000
Continent	24,286,000	26,615,000
Orders	11,663,000	19,788,000
Others	2,613,000	2,874,000
Totals	51,256,000	63,035,000

Visible Supply

	Bushels.
Last week	3,937,000
Previous week	4,331,000
Last year	3,543,000

INDIA.—Exports of flaxseed from India last week were as follows:—

To—	Bushels— Last week.	Previous week.	Last year.
United Kingdom	12,000	236,000	104,000
Continent	20,000	40,000	12,000
Others	.....	.....	.....
Totals	32,000	276,000	116,000

Since April 1—	Bushels— This year.	Last year.
United Kingdom	6,752,000	1,972,000
Continent	792,000	508,000
Others	328,000	464,000
Totals	7,872,000	2,944,000

HULL, Oct. 30.—Quotations on flaxseed were:—

	Per ton— La Plata.	Bombay.
Saturday	£11⅝	£13⅝
Monday	11⅝	13⅝
Tuesday	11¼	13⅜
Wednesday	11¼	13⅜
Thursday	11¼	13⅜
Friday	11¼	13⅜

Linseed Oil.—Quotations were stationary during past week but the tone of the market remained easy as the trend of flaxseed was downward at times, while business in oil continued quiet. At the week-end prices ranged from 8.8c. to 9.0c. per pound for tankcars with the usual differential for oil in cooperage. It was intimated in some instances, however, that the inside figure could be shaded slightly on a bid although some crushers were apparently inclined to adhere to quoted prices.

There was little to record in the way of activity so far as new business was concerned. Inquiries were not lacking but as usual on the eve of a national election many consumers were disposed to limit their takings to comparatively small quantities and the movement of such lots was unimportant in the aggregate.

Withdrawals on contracts were steady, however, and the movement into consuming channels here and in other centers was apparently holding up well. Production at some mills has increased recently but there have apparently been no additions of consequence to supplies in the hands of crushers. On the contrary, stocks at most mills are said to be unusually small for this period of the year.

Trading in flaxseed futures was quiet and although prices showed irregularity, changes were generally within comparatively small limits. Cash seed was firm early in the week but later on demand slackened and the premium over futures narrowed. Receipts at terminal points were light or moderate and selling by the country fell off. More favorable reports were received from some points in the Northwest concerning the quality of the seed.

Crop accounts from abroad continued rather bearish in the main. The crop in India was still said to be making good progress and some precipitation was reported in Argentina where it was said to have been of benefit to the crop. In the Buenos Aires province of Argentina, however, the crop is said to be backward. Insects are also reported to be present in that area and damaging the crop to some extent.

Receipts of flaxseed at New York last week were large, amounting to 566,760 bushels.

MINNEAPOLIS, Oct. 30.—Character of the oil trade is about the same as it was last week. Smaller sized lots are wanted for shipment sometime this year. A few cooperage car lots are being taken but no tankcar or round lots are being sold by local crushers. Shipping instructions on old and maturing contracts are pretty good on the average. Stocks on hand are decreasing steadily in a limited way despite the fact that crushers are operating maybe 65 percent of their capacity. Stocks of seed remain light and none of the crushers feel inclined to accelerate their presses. There is a little more inquiry for deferred oil this week, although so far no reports have been made of bookings for shipment later than January 1. Quotations on carload lots, f.o.b. Minneapolis, cooperage, 9.8c. per pound; warehouse lots, 9.2c. per pound; tankcar lots, 10.2c. per pound, November-April shipment.

Shipments of oil in pounds were as follows:—

	1936.	1935.
This week	1,128,449	3,132,116
Since Sept. 1	7,626,823	24,229,487

CHICAGO, Oct. 30.—Dullness in the linseed oil market following recent further price decline is being ascribed by some observers to a wish of buyers to be clear of the market over the election period. Ruling prices are:—Tankcar, 9.2c. per pound; car lots, 9.8c.; warehouse deliveries, five drums, 10.2c.

SAN FRANCISCO, Oct. 26.—Another recession in the linseed oil price structure was about the only feature of a dull week here during the period under review. Sellers are marking time, waiting until the period comes when buyers will again be in the market for supplies. Not much in the way of activity is looked for until about the turn of the year, according to a consensus of opinion, as consumers are pretty well bought ahead. Contract deliveries are good. Quoted:—Tankcars, 9.5c. per pound; drum car lots, ex mill, 9.7c.; drum lots, ex warehouse, 10.5c.

LONDON, Oct. 30.—Quotations on linseed oil were:—

	Per cwt.— s.	d.
Saturday	24	7½
Monday	24	7½
Tuesday	24	6
Wednesday	24	7½
Thursday	24	7½
Friday	24	7½

Cake and Meal.—A steady tone prevailed on spot and prices for both cake and meal remained where they stood in the previous week in the absence of any wide fluctuations in flaxseed. Domestic business in meal was generally of a conservative character, but an increase was noted in demand for moderate quantities. The export inquiry for cake was fair.

MINNEAPOLIS, Oct. 30.—Meal market tone is good because the crushers have nothing much to offer owing to their inability to catch up completely with their old orders. Colder weather tends to force feeding of concentrates more freely. Crushers are slowly catching up on their old business and now and then a car lot is offered for sale.

Quotations on carload lots f.o.b. Minneapolis, 100 pound sacks, 36 percent protein, $40.00 to $40.50 per ton; 34 percent protein $45.00 to $45.50 per ton.

Shipments of meal in pounds were as follows:—

	1936.	1935.
This week	2,936,677	5,254,303
Since Sept. 1	14,634,397	42,031,307

CHICAGO, Oct. 30.—Low temperatures, frosts and even freezing weather in areas where meal is in regularly good demand have had their influence recently in connection with the attitude of the feeders. Buying accordingly is proceeding along moderately active lines. Ruling prices are:—Round lots, $45 to $48 per ton, largely nominal; car lots, $46; less than car lots, $47.50 to $48.

Cottonseed Oil

Local and southern markets for cottonseed products were quieter last week and changes in quotations were narrow. The movement of seed to the mills was reported as free, but offerings of products were light.

Cottonseed Oil.—The market here for refined cottonseed oil futures was again a quiet and rather featureless affair last week. Orders were received in a comparatively small volume by commission houses, while local traders in not a few instances were inclined to do little more than look on. In the opinion of some no broadening of operations is likely to be witnessed until the national election is out of the way, the prevailing uncertainty as to the outcome making local and other traders disinclined to add to commitments on either side of the account.

There were frequent changes in prices, but as in the previous week, fluctuations were within narrow limits and devoid of any particular significance. Developments in the markets for other commodities, which usually have more or less influence on sentiment in cottonseed oil trade circles, cut both ways. Lard futures in Chicago were irregular, but speculative operations there were quieter on the eve of the national election, and changes in quotations were within moderate limits. Tallow remained firm at the recent advance with offerings light, although buying interest was rather limited. Coconut oil weakened as copra was lower while demand for oil slackened.

Marketing of hogs continued free, arrivals in the principal Western centers for four days of the week aggregating 314,800 head against 202,500 head in the same time last year. The weight of the hogs continued to decrease, the weight of the arrivals at Chicago during the week ended October 24 averaging 221 pounds. This compared with 231 pounds in the previous week, 236 pounds in the week before that, 238 pounds in the week ended October 3, and 249 pounds in the week ended September 26. In the same week last year the average weight of the hogs received in Chicago was 240 pounds. There was an impression in some quarters, however, that despite the light weight of the hogs, the monthly statement of lard stocks in Chicago would be likely to make a comparatively bearish showing, as domestic and shipping trade in recent weeks has been quiet.

According to a statement by the Bureau of Agricultural Economics at Washington, slaughter supplies of hogs in the United States during the marketing year, which began October 1, will be considerably larger than for the last two years owing to the short supplies of feed this season. This will make the slaughter supplies from October to mid-January large and some increase in exports of hog products within the next few months is expected in view of this larger slaughter. Importations of American lard into Cuba during September amounted to 4,264,000 pounds, the liberal imports being the result of the decreased import duty and removal of the consumption tax in accordance with the provisions of a government trade agreement.

The quantity of cotton ginned to October 18 was 8,567,676 bales against 6,590,402 bales in the same time last year and 6,743,904 bales two years ago. Weather conditions were generally favorable last week for the work of ginning the remainder of the crop and the movement of seed to the mills was liberal. Offerings of crude cottonseed oil, however, were reported as light throughout the week and crude oil prices were generally steady.

Following is a record of the market for bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from October 24 to October 30, inclusive:—

	Cents per lb. In tanks— High.	Low.	Close.	Sales. Tanks.
October	10.10	9.77	—@—	22
November	...	...	9.90 nom.	..
December	10.00	9.86	9.86@ 9.87	16
January	10.03	9.90	9.90 sales	20
February	...	...	9.90 nom.	..
March	10.12	10.02	10.02@10.04	69
April	...	...	10.05 nom.	..
May	10.13	10.05	10.07 sales	115
June	...	...	10.10 nom.	..
Total sales (34 switches)				276

Crude, Southeast, 8.50c. nom.
Valley, 8.50c. nom.
Texas, 8.37½c. nom.

Chicago, Oct. 30.—Sellers have been willing to consider bids slightly below the ruling market range in cottonseed oil recently. But for all that, the market is not to be considered exactly weak. Business is being done in fairly good volume at prices not far below those recently prevailing. Good, off-Summer yellow fig oil is 10c. Refined, edible oil is quoted at 11c. to 11¼c., barrels, car lots; and 11¼c. to 11½c., barrels, less than car lots.

Hull, Oct. 30.—Quotations on cottonseed oil were:—

	Refined. Per cwt. s.	d.	Egyptian crude. Per cwt. s.	d.
Saturday	28	9	26	3
Monday	28	9	26	3
Tuesday	28	9	26	3
Wednesday	28	6	26	0
Thursday	28	6	26	0
Friday	28	6	26	0

Cake and Meal. — A steady or firm tone was reported in Southern markets. Meal futures at Memphis continued to show irregularity but spot

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7.

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quotations were apparently well maintained with offerings reported as light despite a continuation of liberal receipts of seed at the mills. Business was generally reported as quiet.

Markets at Other Centers

Atlanta, Oct. 29.—Except for oil which is slightly weaker, prices of cottonseed products are steady. Good harvesting weather continues and new seed is moving in large quantities from gins. As harvesting continues, the size of the crop grows beyond early estimates.

Quotations of this market are as follows:—

OIL.—Prime crude, 8½c. per pound.
MEAL.—7% grade, $29 ton, interior mill points.
HULLS.—Loose, $11 ton.
SEED.—$36 ton, shipping points.

Memphis, Oct. 30.—Crude cottonseed oil quiet during the past week, with 8½c. the prevailing bid. A few scattered tanks are available at 8⅝c., Valley basis. Meal quiet and steady at $31 per ton for prime 41 percent, Memphis. Slab cake, $28 per ton, for 41 percent, Valley basis, some business being closed at that figure. Weather fair and cool. Crop about 75 percent ginned. Seed $36 to $38 per ton in this territory.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	October 22.	October 29.
December	$29.20@29.35	$30.10@30.40
January	29.10@29.25	30.10@30.40
March	29.50@—	30.20@30.40
May	—@—	30.20@30.45
June	—@—	30.20@30.75

Animal Oils

Degras. — The market retained a steady tone, prices generally being held at the levels prevailing in the previous week. Stocks on spot appeared to be comparatively light or moderate. There was a fair demand from local and other buyers, though consumers did not show much disposition to anticipate.

Lard. — Previous selling schedules were adhered to by producers, the tone of the market being steady. There was a fair inquiry from local and outside buyers, but consumers showed little disposition to purchase in advance of current needs.

Neatsfoot. — Purchasing continued along the same conservative lines noted in recent preceding weeks, consumers still being disinclined as a rule to provide for future needs. The market retained a steady tone.

Oleo. — Business lacked snap but a fair call for small or moderate quantities was received from local and other consumers. Quotations were unchanged and the tone of the market appeared to be steady.

Markets at Other Centers

Chicago, Oct. 30.—Fractional recessions have occurred in oleo oil. Other animal oils for the most part are marking time, with buyers making inquiries and considering offerings, but limiting their purchases to strictly conservative lines.

LARD.—No. 1, 10¼c. per pound; No. 2, 10c.
OLEO.—No. 2, 9¾c. to 10c. per pound.
TALLOW—Acidless, 9c. per pound, tanks; 10c., drums, less than car lots.

Fish Oils

Cod. — A firm tone continued to prevail. Offerings remained light. Considerable tanked cod oil is reported to have been sold in recent weeks for shipment from the primary market to British buyers at above 48c. per gallon. Further business in untanked oil was reported to have been closed with domestic interests last week at around 43c. per gallon.

Menhaden. — Refined oil was advanced 2-10c. per pound by local interests and the tone of the market appeared to be firm at the rise. Business lacked snap but there was a fair demand for comparatively small or moderate quantities for prompt shipment. Offerings of crude oil remained light and the market was firmer, sales reported at 30c. per gallon, Baltimore basis. Unfavorable reports continued to be received concerning fishing results.

Sardine. — The market for refined oil was firmer, quotations being advanced 2-10c. per pound. Business lacked snap but there was a fair demand for moderate quantities. Crude oil was stronger, sales being reported on the Coast at an advance of 2c. per gallon.

Whale. — Prices were advanced 4-10c. per pound by refiners and the tone of the market seemed to be very firm at the rise. There was a fairly active demand from local and other consumers. It was announced from Washington that pursuant to the authority of the Whaling Treaty Act of May 1, 1936, the provisions of the Convention between the United States and certain other countries, signed on the part of the United States March 31, 1932, and effective January 16, 1935, apply to all nationals, vessels and boats of the United States in all the waters of the world, and to all persons, vessels and boats in the United States, its territories and possessions, including the territorial waters thereof.

Markets at Other Centers

San Francisco, Oct. 26.—A widening market with advancing prices took place in fish oils in California last week when producers of oil in the southern California district opened their potential production for sale and closed business for substantial quantities of sardine oil at 37½ cents per gallon in tankcars, San Pedro. At the same time, northern California material was again on the market, prices advancing from 34 cents to 36 cents per gallon during the week of trading, when upwards of 100 tanks changed hands. Delivery was for spread positions, according to seller's circumstances of commitments.

In southern California it was estimated that some 300 tankcars were featured in the week's transactions, marking the initial contracting of oil for this season there. Production is not scheduled to get under way in that territory until after the first of November, while fish reduction plants have been preparing in this section since the latter part of August. Both markets were strong today, with immediate prospects of further sales activity.

Fishing was spotty last week in northern California. Some days huge catches were reported, while in others the returns of raw fish were light. However, the Fish and Game Commission here today estimated that the month of October would turn out well, with an estimated take of some 65,000 tons of fish, figuring shore plants. That the floating reduction plants were doing well on the high seas was figured from another estimate today from another source, which said between 30,000 and 40,000 tons were expected for this month, considerably larger than had been anticipated. Oil yield is being figured at between 40 to 45 gallons per ton of fish. During the month of September shore plants accounted for 73,112 tons of fish and it is now estimated that floating reduction plants did at least half this well.

No fish reduction permits have as yet been issued for the month of November by the Fish and Game Commission, which has granted already 2,000 tons per plant per month for the last two months, with 500 tons in August, although a meeting is scheduled to take place on November 5, at which it is expected permits will be granted. Northern California plants will operate on their October "carry over" until this time, provided the full moon, starting on the 29th, does not interfere with fishing, which is usually the case. On this basis Southern California will not be able to start until after November 5.

Ruling prices are:—

SARDINE.—California sardine oil quoted at 36c. per gallon, f.o.b. Northern California in tankcars; 37½c. per gallon, Southern California. Biologically tested poultry oil at 50c. per gallon in drums.

Baltimore, Oct. 28.—With the menhaden fishing down the Chesapeake Bay and off the Virginia capes decreasingly productive, the price of fish oil seems to be moving up. A small lot was sold during the past week at 30 cents per gallon, which is an advance of 2 cents over the previous quotation. Additional oil is being offered at 30 cents, but has not yet found any takers. The quantity available, however, is inconsiderable, as most of the producers are still holding orders taken in the beginning of the season at lower figures, and there is little prospect that all of these contracts will be cleaned up by the time the period of operating the vessels closes. The fishing now is on the decline and the fleet is likely to cut out in a short time, since to continue would mean sacrificing the profit made in the summer and early fall. On the whole the season has turned out fairly well, the fishing companies having been favored with rather large catches most of the time, in which respect the experiences of vessels operated in the Delaware Bay and off the North Carolina coast proved less attractive.

(Continued on page 62)

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7.

Cottonseed Statistics: August-September

Cottonseed received at mills, crushed, and held, and cottonseed products manufactured, shipped out, and held, August 1 to September 30, 1936, and 1935, amounted, according to the Bureau of Census, to the following quantities:—

Cottonseed
Received, Crushed, and Held

	Received at mills* Aug. 1 to Sept. 30. (Tons)		Crushed Aug. 1 to Sept. 30. (Tons)		On hand at mills September 30. (Tons)	
	1936.	1935.	1936.	1935.	1936.	1935.
United States	1,511,724	959,600	695,271	580,645	858,379	468,596
Alabama	130,321	117,024	70,594	81,286	60,444	44,728
Arkansas	156,904	59,258	59,201	31,541	96,329	30,126
California	17,420	4,460	8,371	1,357	10,157	3,452
Georgia	154,456	149,618	95,565	117,306	60,768	54,478
Louisiana	124,497	86,069	49,262	43,580	76,969	43,852
Mississippi	384,504	224,553	114,898	93,393	271,642	144,172
North Carolina	32,366	24,691	17,469	20,630	15,587	14,138
Oklahoma	15,846	3,510	8,069	2,215	8,832	3,538
South Carolina	39,204	45,770	28,790	32,489	11,599	15,042
Tennessee	107,429	80,878	43,422	22,713	64,818	12,571
Texas	316,695	204,443	182,837	128,605	143,734	98,250
All other states	32,082	9,502	16,793	5,528	15,560	4,249

* Includes seed destroyed at mills but not 21,926 tons and 89,575 tons on hand August 1, nor 10,500 tons and 9,945 tons reshipped for 1936 and 1935 respectively.

Cottonseed Products
Manufactured, Shipped Out, and Held

	On hand August 1.	Produced Aug. 1 to Sept. 30.	Shipped out Aug. 1 to Sept. 30.	On hand Sept. 30.
Crude oil, pounds—				
1936-1937	*19,191,508	206,042,772	165,795,736	*92,668,965
1935-1936	28,262,543	173,211,994	144,194,615	73,918,144
Refined oil, pounds—				
1936-1937	†318,873,305	‡115,031,100	.....	†228,763,616
1935-1936	444,833,215	112,496,750	.....	286,331,243
Cake and meal, tons—				
1936-1937	65,053	310,947	249,986	126,014
1935-1936	198,367	258,836	262,993	194,210
Hulls, tons—				
1936-1937	23,893	180,614	134,003	70,504
1935-1936	76,604	153,179	144,439	85,344
Linters, running bales—				
1936-1937	45,819	163,887	108,755	98,951
1935-1936	71,292	122,081	96,305	97,068
Hull fiber, 500-lb. bales—				
1936-1937	88	5,392	1,465	4,015
1935-1936	1,332	5,073	2,907	3,498
Grabbots, motes, etc., 500-lb. bales—				
1936-1937	2,991	6,223	3,959	5,255
1935-1936	5,966	4,534	5,237	5,263

* Includes 6,232,774 and 17,823,170 pounds held by refining and manufacturing establishments, and 4,411,300 and 26,049,325 pounds in transit to refiners and consumers August 1, 1936, and September 30, 1936, respectively.

† Includes 15,100,446 and 6,633,866 pounds held by refiners, brokers, agents, and warehousemen at places other than refineries and manufacturing establishments, and 9,643,060 and 4,694,611 pounds in transit to manufacturers of lard substitute, oleomargarine, soap, etc., August 1, 1936, and September 30, 1936, respectively.

‡ Produced from 122,983,540 pounds of crude oil.

Exports and Imports for Month Ended August 31

	1936.	1935.
Exports—		
Oil, crude, pounds	8,916	5,408
Oil, refined, pounds	125,373	438,923
Cake and meal, tons of 2,000 pounds	500	80
Linters, running bales	10,585	10,662
Imports—		
Oil, crude, pounds	*.....	952,339
Oil, refined, pounds	*14,484,289	8,964,636
Cake and meal, tons of 2,000 pounds	1,201	240

* Amounts for September not included above are 839,418 pounds crude and 7,220,154 refined, "entered directly for consumption," and 892,128 refined, "withdrawn from warehouse for consumption."

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Drugs, Fine Chemicals

Mutiny on the Manuel Arnus, Quicksilver Carrier Recently Reported "Lost"—Crude Glycerin Higher—C. D. Alcohol Lower—Milk Powder Higher—Menthol Reduced—Demand Good

Activity in seasonable items was broader in the market for drugs and fine chemicals during the past week. Cold weather raised the interest of buyers substantially and the result was a generally firm price situation on practically all of such materials.

Glycerin continued to be strong. Saponification and soaplye glycerin were higher in price. Refiners moved production promptly into consumption and were still unable to accumulate reserve stocks. Zinc stearate at an advance in price reflected the rise in production costs that had been caused by the higher quotations on stearic acid. Cocoa butter was advanced in price to cover the high prices prevailing on raw material. Milk powder was higher.

Lower quotations were reported on completely denatured alcohol, the drop in quotations coming almost exactly at the time when freezing weather swept the Eastern and Western states. Competition was behind the reduction. Domestic and imported synthetic camphor in powdered and granular form were down a fraction but tablets held firm. Menthol was cheaper on spot under competition. Depression of prices in Japan was laid at the door of the menthol producers who sought to buy the large Hokkaido crop of peppermint oil as cheaply as possible.

Quicksilver was quiet on spot, demand lagging. One of the two ships reported "lost" after clearing Spain with quicksilver turned up at Havana, Cuba. The officers preferred charges of mutiny against an "anarchist committee" of the crew, who were alleged to have seized the ship on passage across the Atlantic. The other ship was still unreported.

Acid, Acetylsalicylic.—The more active seasons of the year have brought out renewed interest in this item and shipments to buyers were declared to be gaining moderately. Prices were firm.

Acid, Phosphoric. — Quotations on U.S.P. 85 percent material were reduced 1c. per pound at the close of the previous trading period, making the market 13c. to 14c. per pound. It was the first change in price for an exceedingly long period of time.

Acid, Tartaric.—Normal interest was displayed in this item and the movement into consumption contributed to the maintenance of steady prices and generally firm undertones in this market. Stocks appeared to be ample.

Agar Agar.—A very firm spot market prevailed on the spot and sellers indicated that there had been some pickup in demand from buyers for consumption. Replacement costs were also firm in the primary market and offerings came in a volume indicative of a not very large stock at the source of supply. Exports from Japan during the first half of 1936 amounted to 2,823,410 pounds, compared with a total of 2,260,236 pounds for the corresponding period in 1935, and 1,728,305 pounds for the first half of 1934. The United States, the United Kingdom, France, and Germany, in the order named, are the principal markets, together purchasing 50 percent of the total exports. Carryover from the 1936 season was expected to be small, as export demand the first half of the year was very heavy. Production estimates for the new season were substantially the same as last, although certain quarters reported that "tengusa," one of the weeds used in making agar-agar, was scarce this year.

Alcohol.—The feature of the denatured alcohol market last week was a sharp reduction in quotations on completely denatured material used for anti-freeze purposes in motor cars, buses, and trucks. The new quotation was 30c. per gallon for car lot quantities in drums, and 36c. for less than car lot quantities. The lack of cold weather seemed to have caused unsettlement in the market but the reduction came at a time when freezing temperatures prevailed throughout the East and in the Far West. Competition was said to be keen and has altered a situation which most factors had felt might be maintained at least in the early part of the anti-freeze period. Other formulas of industrial alcohol lacked change. Statistics on industrial and ethyl alcohol, covering production, withdrawals, removals, transfers and month-end warehouse stocks for the month of September, according to statistics supplied by the Alcohol Tax Unit of the Bureau of Internal Revenue, Treasury Department, and based on the operations of twenty-nine plants producing ethyl alcohol, and forty-one plants producing denatured alcohol, were as follows:

Ethyl Alcohol

	Proof gallons.
Production	16,892,968
Withdrawal, tax paid	2,359,151
For hospital, scientific and educational use	144,054
For United States and subdivisions	109,237
For export	1,524
For denaturation	15,298,248
Transferred to vinegar plants	26,844
Warehouse losses	....
Stocks September 30	26,362,642

Denatured Alcohol

	Wine gallons— Completely.	Specially.
Production	2,144,764	6,458,790
*Removed	2,070,198	6,408,156
Stocks September 30	2,202,801	553,268

* Including amount shipped to bonded dealers.

According to the reports from sixty-five bonded dealers, 360,278 wine gallons of specially denatured alcohol were received from the naturing plants in September. There were 372,570 wine gallons disposed of to bonded manufacturers. Shipments between dealers totaled 7,732 wine gallons. Stocks on hand at the end of September totaled 324,841 wine gallons. The above figures are subject to change upon audit of reports rendered to the department.

Bismuth Metal and Salts.—Business was steady and volume was up to that in recent weeks. The position of metal was one of considerable strength and consumption was said to be taking up output promptly and in a volume that prevented any important accumulation of stocks. Salts were firm in price.

Borax.—Movement was good. Contracts were being taken out with reasonable promptness and requirements of the consumers were such as to keep the out movement of production well up to the quantities sold on contract earlier in the year. The market has a very steady undertone.

Calcium Gluconate.—The producers reported a well stabilized market on the spot. Values were well maintained and their stability resulted from the satisfactory volume of consuming demand.

Camphor.—Demand showed its usual progress at this season of the year. The movement increased moderately and indications favored a good sized consumption during the active months of the year when powder and tablets have their greatest call. Domestic and foreign synthetic, and the Japanese natural product were prominent in the affairs of the week. Germany's foreign trade in synthetic camphor improved this year, continuing the upward trend in evidence in the latter part of 1935, total exports advancing to 992 metric tons, in the first six months, from 776 tons in the corresponding period of 1935. The German export improvement was due largely to a heavy expansion in

Price Changes

Prices were changed during the past week as follows:—

Advanced

Cocoa butter, ¾c. per lb.
Glycerin, saponification, 1c. per lb.
soaplye, 1c. per lb.
Milk powder, skimmed, ½c. per lb.
unskimmed, 1c. per lb.
Zinc stearate, USP, 1c. per lb.
Silver bullion, London, ⅛ pence per oz.

Reduced

Alcohol, completely denatured, 4c. per gal.
Camphor, synthetic, domestic, granular, powdered, ¼c. per lb.
Menthol, 5c. per lb.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
179.8	180.0	180.3	187.3

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

C/P
CHEMICALLY PURE GLYCERINE U. S. P.
PROCTER & GAMBLE
Largest Producers and Refiners of
CHEMICALLY PURE GLYCERINE
Packed in drums and cans
Also other grades—Stocks in principal cities
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205 East 42nd Street, New York City

BENZOL PRODUCTS COMPANY
237 South Street, Newark, N. J.
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(8-HYDROXY-QUINOLIN)
Base or Sulphate

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CRYSTALS—POWDER—GRANULAR
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HEXAMETHYLENETETRAMINE
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Salicylic Acid
Sodium Salicylate
Methyl Salicylate
Minor Salicylates
Guaiacol
Creosote
Guaiacol Carbonate
Creosote Carbonate
Potassium Guaiacol Sulfonate
Benzoate of Soda
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Bromides
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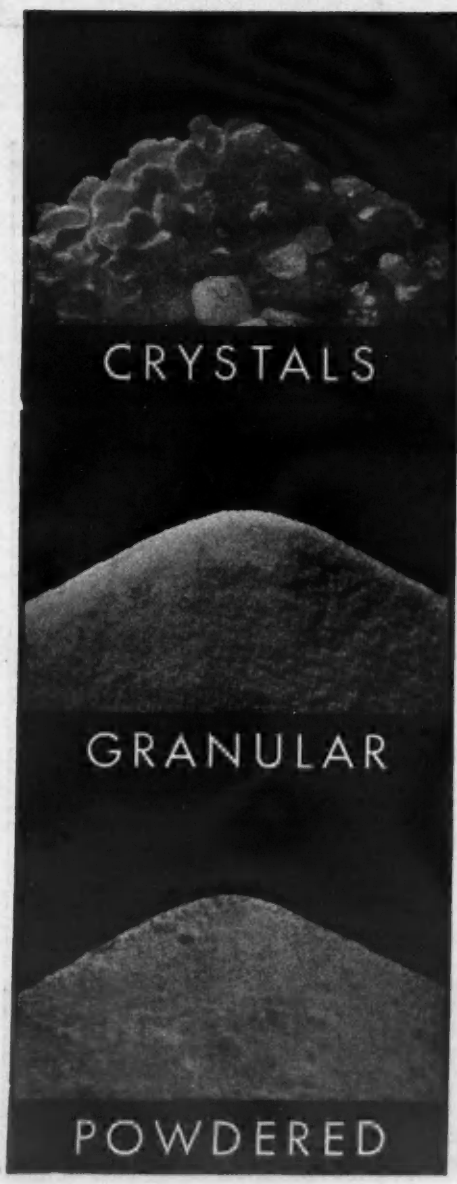

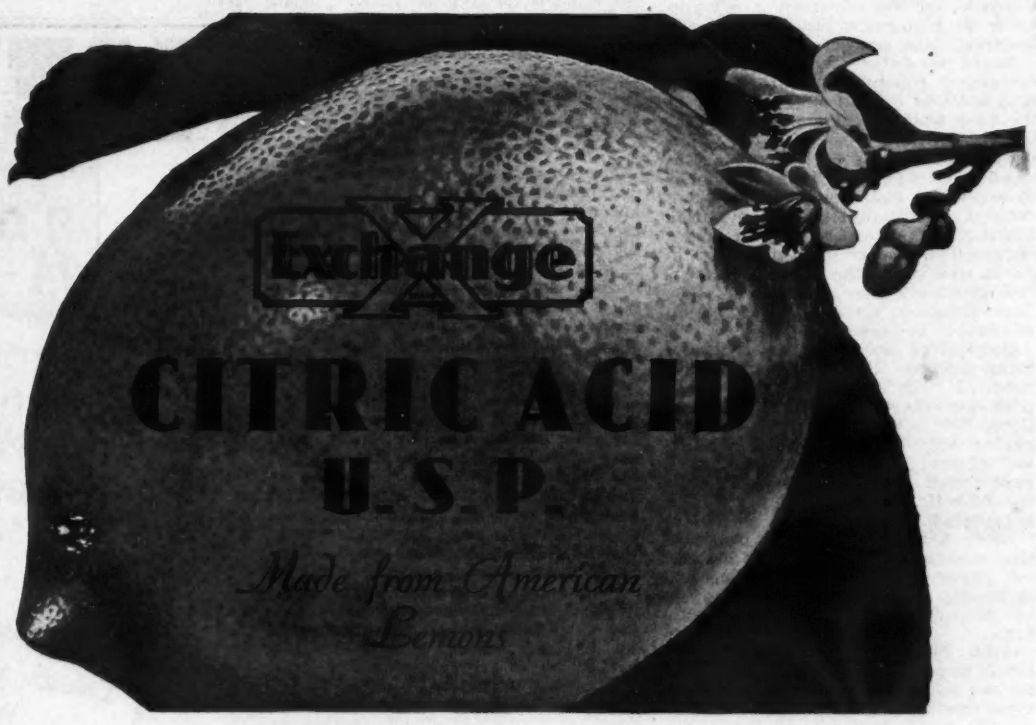

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Products Department

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Copr., 1936, Products Dept., California Fruit Growers Exchange

shipments to the United States, increasing to 407 metric tons from 147 metric tons in the first six months of last year. The United States was by far the leading market. Shipments to Great Britain, third leading market, fell off heavily this year, while those to British India, second leading market, were unchanged. German exports were as follows in the first six months of 1934, 1935 and 1936:—

	Metric tons.	Marks per metric ton.
1934	1,129	1,962
1935	776	1,879
1936	992	1,835

Camphor Monobromate.—Some improvement in sales was reported. Seasonable influences were at work and a moderate gain in the distribution of stocks was expected to continue. Prices were in firm position.

Castor Oil.—Business was fairly good. some slackening in request has been noted, but on the whole such drop in sales as may have taken place was unimportant in the main; recovery was felt to be inevitable and the restoration of recent volume was confidently expected.

CHICAGO, Oct. 29.—Castor oil is moving to the buying trade in fairly good quantities at this time. Representative sellers report they are able to do a good volume of business, with inquiries coming along steadily. Ruling prices are:—No. 1, drums, car lots, 10⅞c. per pound; drums, less than car lots, 12c.; barrels, car lots, 11½c.; barrels, less than car lots, 12¼c.; five-gallon tins, 13¼c.; one-gallon tins, 15¼c.; No. 3, drums, car lots, 10⅜c.; drums, less than car lots, 11½c.; barrels, car lots, 10⅝c.; barrels, less than car lots, 11¾c.

Chloroform. — Technical material flowed freely into a fairly broad consuming channel, aiding in keeping prices to a very steady position at all times last week. Movement of USP merchandise was normal and values were also well maintained.

Cocoa Butter.—Production cost has forced a further rise in values and the market last week was 21¼c. per pound in car lot quantities. Business was said to have been moderately active and the general undertone that resulted from the demand was mainly firm.

Codliver Oil.—Cold weather has raised consumption of this item to a considerable extent. Jobbers and distributors reported a good call and this condition of affairs was reflected in the first hand market; sales by importers showed moderate gain and prices were very firm.

Creosote.—Seasonable demand was noted. The season of expanding consumption was at hand and a moderate pickup in sales was reported. Prices were distinctly firm and the market lacked signs of important competition at this time.

Formaldehyde.—Business was routine but exceptionally steady in character. Consumption of the article in the synthetic resin industry was said to be very good and to compare favorable with that in recent weeks. Prices reflected the stable position of raw material.

Glycerin.—Soaplye and saponification were higher last week. The former was priced at 15c. per pound and the latter, 16½c. per pound. These figures were approximate for the reason that the supply of crude was such as to make it difficult to quote a definitely accurate price unless actual business was contemplated. For example, soaplye was bought last week at 14c. per pound from a source desiring to relieve itself of some accumulation of stock. This source had 16c. views on the market after it had been relieved of its holdings. Refiners reported prompt movement into consumption of every pound produced. No accumulation of reserve stocks was possible and the future in that respect was most uncertain. Foreign dynamite glycerin was offered for shipment to this country at a price that worked out at 24.60c. per pound laid down here. The foreign prices on crude glycerin were fully up to those prevailing on domestic material. Hence, no relief from high cost of crude seemed to be in sight. In the meantime, resellers commanded a substantial price premium but they were finding it increasingly difficult to secure goods to resell.

CHICAGO, Oct. 29.—C.p. and other grades of glycerin are holding strong. There is an insistent demand, and material is going out satisfactorily, in response to seasonally substantial needs. With the view held in some quarters that buyers may have been responsible for the last advance in glycerin, producers are believed to be trying to prevent hoarding of the material, a tendency which is believed to exist. Ruling prices are: C.p., drums, car lots, 19½c. per pound; drums, less than car lots, 20c.; cans, less than car lots, 21½c. to 22½c., according to quantity; dynamite, car lots, 19½c.; less than car lots, 20c.; soaplye, 14c. to 14½c.

Menthol.—The market was lower at $2.90 to $3.05 per pound. This was the result of local competition. So far as the primary market was concerned, trade was quiet and prices seemed to be slightly depressed. The Hokkaido crop is now coming on the market and information from Japan suggested that the menthol makers were holding prices down in order to buy the Hokkaido peppermint oil as cheaply as possible.

Mercurials. — The market was very steady. The recent but slight easing of prices on raw material was without effect on the schedule of quotations on derived products. Demand was well up to normal.

Methanol.—The reduction in prices on completely denatured alcohol was not expected to affect the schedule on quotations on natural methanol. On the contrary, informed factors declared that they intended to protect the buyers of their merchandise. The fact was that at the time the reduction in alcohol prices was made, the sellers of natural methanol had been contemplating an advance in prices on their product. Competition in the anti-freeze market has been keen this year. Monthly statistics on production of crude and synthetic methanol, representing practically the entire output of these commodities in the United States, have been released by Director William L. Austin, Bureau of the Census, Department of Commerce. The data for the months of 1936 and 1935, include production figures for thirty-three manufacturers. Wood carbonized amounted to 48.825 cords for January; 47,253 cords for February, 1936; 45,384 cords for March, 1936; 45,384 cords for March; 51.323 cords for April; 41,413 cords for June; 40,848 cords for July; 45,348 cords for August, and 43,631 cords for September.

Production

Gallons

	1936.		1935.	
	Crude.*	Synthetic.	Crude.*	Synthetic.
Jan.	494,081	1,418,863	386,477	1,303,171
Feb.	494,081	1,540,171	363,781	1,126,799
Mar.	478,067	1,491,832	411,826	1,303,250
Apr.	428,313	1,692,921	450,941	1,167,262
June	413,930	1,863,406	385,472	1,198,186
July	374,110	1,950,825	379,309	1,278,505
Aug.	447,499	2,309,377	403,020	1,389,812
Sept.	429,500	2,696,591	405,034	1,539,554
Totals	3,963,152	16,857,983	3,637,682	11,509,682

* The refined equivalent would be approximately 82 percent of the crude production.

Milk Powder.—Heavy demand and high production cost forced a further rise in prices on this item. The new schedule was as follows:—skimmed, roller, car lots, 10¼c. per pound; less than car lots, 11¼c.; spray, car lots, 11c.; less than car lots, 12c.; unskimmed, roller and spray, car lots, 21½c. per pound; less than car lots, 22½c.

Para-Amylphenol, Tertiary.—The car lot price on this article packed in drums was 26c. per pound at the works. This was the sole quotation offered by the producers.

Phenolphthalein. — Suitable demand prevailed. The movement was up to normal and so far as could be ascertained the market seemed to be generally steady as quoted. The U.S.P. article ranged 75c. to 77c. per pound, according to quantity, while the yellow article held at 70c.

Quinine.—Movement was very good and the entire market had a firm undertone. Replacement costs were thor-

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oughly maintained abroad and production costs on home manufactured material were also lacking in any unsettlement whatsoever. The call seemed to be gaining because of seasonal influences. Increased use of quinine in San Salvador has benefited German quinine export trade. In 1935 the value of imports in that country was $141,000, compared with $48,000 in 1934. France did a $16,000 business with San Salvador; the United States, $9,000; and The Netherlands, $6,000. The government distributes large quantities free in carrying out its anti-malarial campaign.

Quicksilver.—One of the ships said to be carrying quicksilver loaded in Spain and recently reported "lost" by her agents turned up at Havana, Cuba, on October 26. She was the Manuel Arnus. On reaching Havana, her officers debarked and appealed to the Cuban authorities for aid, stating that on her voyage from Spain the ship had been seized by an "anarchist committee" of eight men of the crew. On October 29, ten members of the crew were arrested on a charge of insubordination. If quicksilver was aboard, it will eventually reach this market. The quicksilver market on spot was very quiet last week. Prices were $92 to $93 per pound, but demand was such as to suggest possible shading of the market as quoted.

SAN FRANCISCO, Oct. 26.—Quicksilver eased last week and sellers here reported the situation as less tight. As a matter of fact, the domestic article appeared to be marking time, awaiting news of whatever further developments might occur with regard to foreign shipments. Inquiry here remained light. The market is quoted on a strictly nominal basis today at $90 per flask, New York basis. Good weather in this locality is holding production up quite well.

Silver Nitrate. — The schedule of prices since the last report prevailed as follows, covering quantities of 100 ounces; small lots cost from 1c. to 2c. more per ounce and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices for bullion in New York and London are also provided.

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	32⅝	44¼	19⅛
Monday	32⅝	44¼	19⅛
Tuesday	32⅝	44¼	19⅛
Wednesday	32⅝	44¼	20⅛
Thursday	32⅝	44¼	20⅛
Friday	32⅝	44¼	20⅛

Zinc Stearate.—Prices on U.S.P. material were advanced 1c. per pound, making quotations 21c. to 23c. per pound, depending on quantity. This movement reflected the higher cost of production caused by the rise in prices on stearic acid.

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Robinson-Patman Act A Means to An End

(Continued from page 5)

If goods must be sold f.o.b. factory, lest the seller be guilty of discrimination, the cost, and the resale price, of the goods would increase with the distance from the factory. That would be disastrous for nationally advertised goods. And, again, in that event the seller must establish branch plants, relocate his factory, or participate in cooperative distribution schemes.

However, the stake on the race between reasonable and literal application is too great for business to wait complacently for the outcome. The peril here is something apart from actions by governmental bureaus. The congressional reports and debates are quite fair in their expressions as to the law's purpose and application. Likewise, there is no reason to suppose that the Federal Trade Commission and the Attorney General are not going to view the act in the same light and give it a sensible construction.

There can be no assurance, however, respecting suits brought by private persons who may discover provisions in this inclusive statute to redress actual or imagined injuries. The Sherman (section 7) and Clayton (section 4) acts permit suits for damages by anyone injured in his business by reason of anything forbidden in the antitrust laws. The damages shall be recovered three-fold, and in addition there shall be added the costs of the suit and a "reasonable" attorney's fee.

Private parties may take advantage of judgments that have been obtained in actions brought by the government, but they do not have to wait for the government to act, and *they do not have to accept* the government's interpretation. That is *always subject to change by* the administrative agency and *the courts.* Only the latter's interpretation is authoritative.

A final judgment, after testimony, in any criminal prosecution or suit in equity brought by the United States, that a defendant violated the antitrust laws shall be *prima facie* evidence against such defendant in any suit brought by any person as to all matters respecting which the judgment would be an estoppel as between the parties (Clayton act, section 5).

Private parties may sue at any time within the period of the statutes of limitations which prevail in the various states—frequently six years—and *recover damages for the full period.*

During the pendency of any criminal prosecution or suit in equity brought by the United States under the antitrust laws, the statutes of limitations shall be suspended in respect of any private right of action based in whole or in part on the matter complained of in the government action (Clayton act, section 5).

The peril is increased by the presence of section 3. It holds the prospect of business men, ensnared by the uncertain terms of the section, being placed in the prisoner's dock, *charged with crime,* and, on conviction, fined not more than $5,000 or imprisoned not more than one year, or both.

"It would certainly be dangerous," said the supreme court, "if the legislature could set a net large enough to catch all possible offenders and leave it to the courts to step inside and say who could be rightfully detained and who should be set at large." *(U. S. vs. Reece,* 92 U. S. 214, 221.)

McKesson & Robbins Income Up 46 Percent

E. Donald Coster, president of McKesson & Robbins, Inc., reports net profits of the company for the nine months ended September 30, were $2,148,198, before dividends but after provision for interest on bonded indebtedness, depreciation, and all taxes except the undistributed profits tax. This compares with $1,167,985 for the first nine months of 1935, and $2,115,410 for the full year 1935, with the fourth quarter of the year, when sales are heaviest, yet to be included. Thus, Mr. Coster points out, the best year since 1929 is already assured for the company.

Net sales for the nine months were $108,495,742, compared with $95,224,866 for the corresponding period of 1935. September sales were $13,591,895 compared with $10,950,245 for the same month a year ago. Mr. Coster states that the sales of the wholesale drugs division, and of the manufacturing and wine and liquor divisions all show excellent increases.

Vanillin Production In Canada Planned

Howard Smith Paper Mills, Ltd., Cornwell, Ont., has taken out a dominion charter for a subsidiary company to be known as Howard Smith Chemicals, Ltd., for the purpose of manufacturing vanillin from sulphite liquor. It is stated that it is a well-known fact that wood contains approximately 2 percent of vanillin and, by means of a process developed by the proper company, this may be extracted from the sulphite liquor produced in the manufacture of paper, according to information received by the Department of Commerce from the vice-consul at Kingston, Ont.

The new plant will be relatively small, having a potential capacity of about 400 pounds a day. It is not expected that the full capacity will be used in the beginning, but the plant is to be built in such a way that the capacity can easily be increased when demand warrants such extension.

The capital structure of Howard Smith Chemicals, Ltd., will be $100,000 of 5 percent cumulated preferred stock and 20,000 shares of no par value common stock, all of which has been subscribed.

Sun Oil Buys Quicksilver Mine

The Sun Oil Company, Philadelphia, has purchased the Horsehaven mine, a small producer of quicksilver near Ashwood, Ore. The company uses substantial quantities of quicksilver in refining processes. It may have a surplus at times to sell.

Sulphuric Acid Workers in N.C. Must Have Gas-Masks

A ruling by the Department of Labor of the State of North Carolina, which has been approved by the governor, requires that persons working in acid chambers or towers must wear gas-masks and shall be equipped with rubber boots and rubber gloves. Workmen may not remain in acid chambers or towers for more than thirty minutes at a time, each such period to be followed by a thirty-minute period in the open.

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(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

2-Aminodibenzfuran

Chemical

In organic syntheses

Dye

Starting point (Brit. 437283) in making—
Reddish-violet dyestuffs by condensing with chloranil or other parabenzoquinones

2-Aminofluorene

Chemical

In organic syntheses

Dye

Starting point (Brit. 437283) in making—
Violet dyestuffs by condensing with chloranil or other parabenzoquinones

Bromothymol Blue

Analysis

As an indicator

Miscellaneous

Reagent for—
Rapid detection of suffocating and vesicatory gases in dangerous concentrations

9-Chlor-2-methylthiol-6-methylacridin

Pharmaceutical

Claimed (Brit. 363392 and 437953) as—
New pharmaceutical

5-Chlor-7-methoxy-4-methylisatin Alphachloride

Dye

Starting point (Brit. 441548) in making—
Dyestuffs by condensing with 4-chlor-2-hydroxy-6-methoxy-3-methylthionaphthen

6-Chlor-9-para-aminomethylphenyl-2-methylthiolacridin Hydrochloride

Pharmaceutical

Claimed (Brit. 363392 and 437953) as—
New pharmaceutical

6-Chlor-9-paradiethylaminoethoxyphenyl-2-methylthiolacridin

Pharmaceutical

Claimed (Brit. 363392 and 437953) as—
New pharmaceutical

6-Chlor-9-paradiethylaminoethoxyphenyl-2-methylthiolacridin Bromide

Pharmaceutical

Claimed (Brit. 363392 and 437953) as—
New pharmaceutical

Copper Acetate

(Additional uses—supplementary to list printed in the OIL, PAINT AND DRUG REPORTER *for September 8, 1930, page 48.)*

Chemical

Catalyst (Brit. 414136) in making—
Chlorinated indanthrones from beta-aminoanthraquinone

Fats and Oils

Inhibitor (Brit. 410834) of—
Discoloration of animal or vegetable fats and oils on exposure to air and light

Ink

Ink for—
Brass marking
Ingredient of—
Ink for marking zinc, containing also sal ammoniac, water, and lampblack

Metallurgical

Ingredient of—
Solution for coloring copper, containing also copper sulphate and potassium chloride
Solution (aqueous), containing also ammonium carbonate, for imparting blue-black color to brass

Petroleum

Refining agent (Brit. 398794) in treating—
Light hydrocarbons, especially those obtained by cracking

Copper Oleate

(Additional uses—supplementary to list printed in the OIL, PAINT AND DRUG REPORTER *for November 3, 1930, page 48)*

Lubricant

Ingredient of—
Compounded lubricant for internal-combustion motors, containing also mineral oil and vegetable oil, such as olive oil, peanut oil, or sesame oil (Brit. 371643)
Compounded fluid lubricants of increased thermal conductivity and especially suited for the cylinders of internal-combustion engines, containing also an ammonia soap, vegetable oil, and mineral oil (Brit. 395867)
Refining agent (Brit. 398794) in treating—
Light hydrocarbons, especially those obtained by cracking

Pharmaceutical

Starting point (Brit. 384217) in making—
Colloidal solution of copper iodide in oil, which is claimed to have disinfectant and therapeutic properties

Resins

Catalyst (Brit. 417912) in making—
Resins by oxidation of rubber

Rubber

Catalyst (Brit. 417912) in making—
Resins by oxidation of rubber
Disaggregating agent in—
Rubber chlorinating processes
Promoter of—
Chlorinating processes

Textile

Ingredient of—
Waterproofing compound for treating canvas, containing also beeswax, glyceryl stearate, stearin pitch, castor oil, and naphtha

5:7-Dibrom-7-methoxy-4-methylisatinAlphachloride

Dye

Starting point (Brit. 441548) in making—
Dyestuffs by condensing with 4-chlor-2-hydroxy-6-methoxy-3-methylthionaphthen

6:9-Dichlor-2-butylthiolacridin

Pharmaceutical

Claimed (Brit. 363392 and 437953) as—
New pharmaceutical

Guanin

(2-Amino-6-oxypurin, 2-aminohypoxanthin)

Chemical

In organic syntheses

Photographic

Defogging agent (Brit. 442731) for—
Gelatin having a strong tendency to cause fog

Hexylnaphthyl-Antimony

Lubricant

Addition agent (Brit. 433257) in—
Lubricating oils or greases, especially for use at high temperatures, such as cylinder oils, hydrogenated oils, or oils refined by treatment with sulphuric acid, clay, or extraction solvents

Lead Dibenzyldithiocarbamate

Rubber

Accelerator (Brit. 439215) in—
Vulcanization

Leuco-5-amino-4′-methoxy-4:7-dimethylindole-2:2′-naphthaleneindigo Dihydrogendisulphate

Dye

Starting point (U.S. 2000133) in making—
Water-soluble azo dyes which form insoluble dyes of deeper shade and good washing fastness when oxidized on the fiber

Leuco-5-amino-4′-methoxyindole-2:2′-naphthaleneindigo Dihydrogendisulphate

Dye

Starting point (U.S. 2000133) in making—
Water-soluble azo dyes which form insoluble dyes of deeper shade and good washing fastness when oxidized on the fiber

Leuco-9-chloro-5-amino-1:2-naphthindole-2:1′-(3:4-benzo) thionaphthenindigo Dihydrogendisulphate

Dye

Starting point (U.S. 2000133) in making—
Water-soluble azo dyes which form insoluble dyes of deeper shade and good washing fastness when oxidized on the fiber

Oleyl-1-sulphuric Acid (Normal) Ester

Chemical

As an emulsifying agent
Reagent in—
Organic syntheses
Starting point (Brit. 440575) in making—
Emulsifying agents with salts of lead, aluminum, iron, tin, or barium (such emulsifying agents are said to form water-in-oil emulsions and are, preferably, produced in situ by (1) dissolving the sulphuric acid ester in the oil and (2) agitating with an aqueous solution of the metal salts, for example, lead acetate; they are said to be useful for treating medicinal paraffin oil, neatsfoot oil, olive oil, castor oil, cottonseed oil, linseed oil, and petroleum lubricating oils; a heavy paraffin oil, so-treated on the basis of 50 parts by weight of oil to 48.75 parts of water, is said to yield a heavy grease that has good lubricating properties and may readily be extended with oil; a water-linseed oil type emulsion is offered as suitable for use as a paint base)

Para-aminophenylbeta-hydroxyethyl Ether

Dye

Starting point (Brit. 443104) in making—
Wool dyes, having good light-fastness, by reacting with a triphenylmethane dye derived from benzaldehyde, in which the paraposition is substituted by a replaceable group (nitro, halogen, sulphonate)
Wool dyes, having good light-fastness, by reaction with light green SF in the presence of hydrochloric acid
Wool dyes, having good light-fastness, by reacting with the dye from parachlorobenzaldehyde and sulphobenzylethylanilin
Wool dyes, having good light-fastness, by reacting with the dye from parachlorobenzaldehyde and metatoluidinsulphonic acid

Para-aminophenylbeta-methoxyethyl Ether

Dye

Starting point (Brit. 443104) in making—
Wool dyes, having good light-fastness, by reacting with a triphenylmethane dye derived from benzaldehyde, in which the para position is substituted by a replaceable group (nitro, halogen, sulphonate)
Wool dyes, having good light-fastness, by reacting with light green SF in the presence of hydrochloric acid
Wool dyes, having good light-fastness, by reacting with the dye from parachlorobenzaldehyde and sulphobenzylethylanilin
Wool dyes, having good light-fastness, by reacting with the dye from parachlorobenzaldehyde and metatoluidinsulphonic acid

Quinine 3-Hydroxybeta-naphthyloxyacetate

Pharmaceutical

Claimed (Brit. 439937) as—
Practically tasteless form of quinine

Ricinoleyl-1-sulphuric Acid (Normal) Ester

Chemical

As an emulsifying agent
Reagent in—
Organic syntheses
Starting point (Brit. 440575) in making—
Emulsifying agents with salts of lead, aluminum, iron, tin, or barium (such emulsifying agents are said to form water-in-oil emulsions and are, preferably, produced in situ by (1) dissolving the sulphuric acid ester in the oil and (2) agitating with an aqueous solution of the metal salt, for example, lead acetate; they are said to be useful for treating medicinal paraffin oil, neatsfoot oil, olive oil, castor oil, cottonseed oil, linseed oil and petroleum lubricating oils; a heavy paraffin oil, so treated on the basis of 50 parts by weight of oil to 48.75 parts of water, is said to yield a heavy grease that has good lubricating properties and may readily be extended with oil; a water-linseed oil type emulsion is offered as suitable for use as a paint base)

Sodium Betasulphoethyl-oleate

Textile

Assistant (Brit. 440103) in—
Textile processing

What You Can Use

Various Materials That Are Suitable for Operating Purposes in Chemical Processing Industries

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One-hundred-forty-eighth Instalment

Ivory Substitutes

(Continued from October 26 issue)

Solvents for Casein-Composition Ivory Substitutes

Acetic acid, strong solution
Ammonia, dilute
Borax solution
Calcium oxide solution
Limewater
Sodium carbonate solution
Sodium phosphate
Sodium silicate solution

Japan Wax

Catalysts for Hydrogenation of Japan Wax

Cobalt, colloidal
Cobalt carbide
Cobalt oxide
Cobalt silicide
Iron, colloidal
Iron carbide
Iron oxide
Iron silicide
Nickel, colloidal
Nickel carbide
Nickel oxide
Nickel silicide

Reagents for Hydrogenation of Japan Wax

Charcoal
Gasoline
Petroleum
Texene
Water gas
Alcohol (hot)
Alkali solutions
Amyl alcohol (hot)
Benzene (hot)
Carbon bisulphide
Carbon tetrachloride (hot)
Ether (hot)
Ethyleneglycol methyl-ether
Fusel oil (hot)
Gasoline
Isoyropyl acetate (slightly)
Methyl cellosolve
Naphtha
Petroleum ether (hot)
Turpentine (hot)

Jellies (Cosmetic and Pharmaceutical)

Antiseptics Used in Cosmetic and Pharmaceutical Jellies

Acriflavin
Aluminum betanaphthol-disulphonate
Ammonium sulphoichthyolate
Amylmeta cresol
Betanaphthol
Boric acid
Chloral hydrate
Chlorothymol
Creosote
Formaldehyde
Hydrogen peroxide
Iodine
Menthol
Mercuric chloride
Orthocyclohexylphenol
Orthophenylphenol
Oxyquinolin sulphate
Para-amylmeta cresol
Parachlorometacresol
Parachlorometaxylenol
Para-tertiary-amylphenol
Phenol
Phenyl salicylate
Picric acid
Potassium arsenite
Potassium sulphate
Quinine arsenite
Resorcinol
Salol
Silver nitrate
Silver proteinate
Sodium benzoate
Sodium hypochloride
Sodium oxychloride
Thymol
Trichloro-tertiary-butyl alcohol
Zinc chloride
Zinc sulphate

Bases for Cosmetic and Pharmaceutical Jellies

Glyceride of starch
Irish moss
Karaya gum
Mucilages
Pectin from citrous fruit
Quince seed
Tragacanth

Colors for Use in Cosmetic and Pharmaceutical Jellies

Acid carminic
Acid rosalic
Amaranth
Aminoazobenzene
Annatto
Archil
Azo acid rubin 2B
Blood orange
Bordeaux S
Brilliant pink
Calendula
Carotin
Caramel
Carmine
Carminol
Curcuma
Erythrosin
Guinea green B
Indigodisulphonic acid
Light green SF
Marigold
Methyl violet
Naphthol yellow S
Orange I
Paraaminoazobenzene
Ponceau 3R
Pylam red, yellow
Red S
Rosalin
Rose pink
Safflower
Saffron
Scarlet
Sodium salt of parasulphonaphthaleneazo-betanaphthodisulphonic acid
Tartrazin
Turmeric
Vegetable colors
Yellow AB, OB

Ingredients for Use in Cosmetic and Pharmaceutical Jellies

Acacia
Alcohol
Almond oil
Ammonium stearate
Apricot-kernel oil
Beeswax
Cacao butter
Casamine
Castor oil, odorless
Cellosolve
Ceresin
Diethyleneglycol ethyl-ether
Emulsone
Ethyleneglycol
Galagum
Glycerin
Glycol stearate
Glycomine
Glyco wax A
Gum jelly with sulphonated oils
Kerosene, odorless
Lanolin, anhydrous
Mineral oil
Mineral oils mixed with melted paraffin or ceresin
Oleic acid, refined
Olive oil
Peanut oil
Petrolatum
Protegin
Purelin
Saponin
Solvoil
Sono-jell
Stearic acid
Sulphonated fatty alcohols
Sulphonated oils
Triethanolamine
Triethanolamine stearate
Water
Witchhazel water

Perfumes and Odorants for Cosmetic and Pharmaceutical Jellies

Acacia flower
Almond
Amber
Ambrome
Apple blossom
Aquaromes
Arbutus A, B
Azalea
Berylia A. B
Bouquet odors
Bouquet belle
Bouquet de fleurs
Bouvardia A, B
Canellia
Carnation
Cavalier
Cedar
Cherry blossom
Chypre
Citrene
Cologne
Corylopsis
Crabapple
Cucumber
Cyclamen
Deontyl
Dream bouquet
Eau de cologne
Egyptian bouquet
Extravaganza
Fleur de vigne
Fleuroil A, B, C, D
Formarome A, B
Fougere
Fresia
Garden beauty
Gardenia
Hair pombeil
Heliotrope
Honey
Honeysuckle
Hyacinth
Odol
Jacinthe
Jasmine
Jickey
Jockey club
Jonquille
Lavender bouquet
Lemon
Lilac
Lily alca
Lily petals
Linden blossom
Locust blossom
Lotus petals
Magnolia blossom
Magnolia supreme
Mellittis
Mignonette
Mimosa
Muguet
Narcissus
Nasturtium
Neroli
Normandee
Oeillet
Opopanol
Opoponax
Orange absolute
Orange blossom
Oriental
Orchid
Paradinol
Perrol
Paratints
Pois de senteur
Poppy
Reseda
Rose
Sandal bouquet
Soap series A
Strawberry
Sweet pea
Syringa
Tearose
Trailing arbutus
Tulip
Violet
Wistaria

(To be Continued)

HALIBUT-LIVER OIL
PENICK

Although initial offerings were made only a few months ago, Halibut-Liver Oil, Penick has enjoyed an exceptionally wide acceptance in the pharmaceutical field.

Manufacturing drug houses have been quick to realize the several advantages in having an unquestionably reliable and non-competitive source of supply within the drug industry from which to secure bulk material.

We are still in a position to book further business on our halibut-liver oil, either on contract or for prompt shipment from New York or Chicago stocks.

In addition to the natural oil, we can supply the product fortified to any required extent with viosterol or natural vitamin D.

A new descriptive booklet on halibut and other high vitamin potency fish liver oils, together with a complete price list, effective October 26th, is available to manufacturers in the drug and food industries, upon request.

S. B. PENICK & COMPANY
Medicinal Liver Oil Division
132 NASSAU STREET, NEW YORK
1228 WEST KINZIE STREET, CHICAGO
THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

W.H.King Drug Company Buys Peabody Company

The W. H. King Drug Company, wholesale and manufacturing druggist, Raleigh, N. C., has purchased outright the stock of the Peabody Drug Company, Durham, N. C., according to B. F. Page, president of the Raleigh company. The amount of the transaction was not revealed, but the Peabody company was capitalized at $110,000.

Acquisition of the Durham firm makes the King company the largest wholesale drug distributing house in the State, officials of the company said. The two establishments will serve retail drug stores in half of North Carolina and a part of South Carolina. The Peabody company will retain its name and A. F. Druckett, formerly associated with the King company, will continue as vice-president and general manager of the Durham unit, where he has been for four or five years.

Tide Water to Merge Associated Companies

Directors of both the Tide Water Associated Oil Company and its subsidiary, the Tide Water Oil Company, have approved an agreement for merging these two companies and the Associated Oil Company, another subsidiary. Tide Water Associated owns 99.13 percent of the capital stock of the Tide Water Oil and 98.21 percent of Associated Oil. The plan is to be submitted to directors of the Associated Oil Company in San Francisco, and following their approval, submitted to stockholders of the three companies at special meetings in November.

Toronto P.V.P.C.'s Club Paper

The Toronto Paint and Varnish Production Club, at its dinner-meeting October 23, had read the club paper which is to be presented at the annual convention of the Federation of Paint and Varnish Production clubs in Chicago. D. R. Loney, of the Imperial Varnish & Color Company, read the paper, which received the unanimous approval of the members. T. P. G. Shaw, of the Shawinigan Chemical Company, gave an illustrated talk on vinyl acetate resins.

Trade News Briefs

Chemical exports from Great Britain in July (drugs, dyes and colors being included) amounted to £1,884,000; the value of these exports in July, 1935, was £1,761,200.

Continental Can Company has awarded a contract to the Austin Company for the erection of a three-story can manufacturing plant in Malden, Mass., on land acquired last year. The floor area will be 70,000 feet.

Toronto Paint and Varnish Production Club, at its September meeting, was addressed by C. R. Sutton, of the Commercial Solvents Corporation, Terre Haute, Ind., on "Use of Alkyd Resins in Nitrocellulose Lacquers and Their Effect on Solvent Requirements."

Mayflower Stations, Inc., has been formed to take over the operation of a group of service stations formerly operated by the Socony-Vacuum Oil Company, in Westchester county and Southern Connecticut, according to Glenn L. Werly, president of the new organization.

Union Bag & Paper Company opened its first Southern unit in Savannah, Ga., October 1. The plant cost approximately $4,000,000 and an additional unit will be constructed at an estimated cost of $3,000,000. The plant is in the heart of the slash pine belt, and the company can draw on 9,000,000 acres. The company has bought its pulp from Sweden at costs varying from $23 to $50 a ton in the last few years, and it figures that its costs now will vary no more than $8 a ton.

General Asphalt Drops Units

Stockholders of the General Asphalt Company have approved a plan to eliminate three subsidiary companies and to change the name of the parent company to the Barber Company, Inc. The certificate of incorporation was amended to allow the directors to issue obligations secured by mortgage or other lien or convertible obligations without direct approval of the stockholders and to permit the directors to sell all the assets with the approval of two-thirds of the stock represented at a meeting in accordance with the New Jersey law.

Botanical Drugs, Gums

Ergot Rises Sharply, Reversing Recent Price Trend—White Pine And Wild Cherry Barks in Larger Demand—Interest in Squill Root Improves—Sarsaparilla Up

Business was active along seasonal lines last week in the market for botanical drugs. Buyers were in the market for substantial quantities of such items as elm, white pine, and wild cherry barks. Ergot advanced sharply, reversing the recent price trend. Other articles came in for a request about normal in most instances and the total result of the call was a market in which prices generally showed stability and considerable strength.

The Department of Commerce has issued import and export figures cover-

Price Changes

Prices were changed during the past week as follows:—

Advanced

Cardamom, decorticated, 7c. per lb.
Cassia, China, broken, extra, ½c. per lb.
Celery seed, French, ½c. per lb.
Indian, 1c. per lb.
Ergot, 15c. per lb.
Golden seal, powdered, 10c. per lb.
Kamala, 5c. per lb.
Mustard, yellow, Hungarian, ¼c. per lb.
Pimento, ¼c. per lb.
Sarsaparilla root, Mexican, 1c. per lb.

Reduced

Camphor, synthetic, powder, ¼c. per lb.
granular, ¼c. per lb.
Cassia, Batavia, No. 1, ½c. per lb.
China rolls, select, ½c. per lb.
Saigon, 1c. per lb.
Cinnamon, Ceylon, No. 2, ½c. per lb.
No. 3, ¾c. per lb.
Ginger root, African, ¾c. per lb.
Jamaica, bold, ½c. per lb.
medium, bold, ⅞c. per lb.
Japanese, ½c. per lb.
Mace, Siauw, No. 1, 3c. per lb.
Marjoram, French, ½c. per lb.
Paprika, Hungarian, ½c. per lb.
Spanish, extra fancy, ½c. per lb.
fair, ½c. per lb.
fancy, 3c. per lb.
medium, 2½c. per lb.
Poppy seed, Dutch, ½c. per lb.
Pollah, ½c. per lb.
Safflower, 1c. per lb.
Thyme, French, ¼c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
109.6	108.4	116.1	101.3

Market news that may have developed after this report was sent to press will be found on page 4.

ing botanical drugs during the first eight months in 1936 and 1935. On the side of export business, the total outmovement for the period in 1936 was 2,978,000 pounds, comparing with 2,808,634 pounds in the corresponding period in 1935. The average value of the exports in 1936 was 14c. per pound, against 13c. in 1935.

Imports of medicinal crude drugs reported for eight-month periods in 1936 and 1935 were as follows:—

	Pounds— 1936.	1935.
Cinchona bark	1,287,000	856,000
Psyllium seed	1,952,000	1,242,000
Senna	644,000	1,140,000
All others	15,057,000	14,002,000
Totals	18,940,000	17,240,000

In point of values, the imports differed little. In 1936, the total value reported by the Department of Commerce was $2,560,643, comparing with $2,131,000 for the eight-month period in 1935.

Entries of botanicals at the port of New York since the week of January 1, 1936, and detentions of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags— Detained.	Entered.
Anise	1,829	2,973
Caraway	4,433	9,930
Cardamom (cases)	150	1,781
Celery	105	3,053
Coriander	3,271	6,983
Cumin	1,424	6,042
Dill	230	504
Fennel	420	1,462
Mustard	...	17,952
Poppy	...	23,895
Sage leaves (bales)	52	1,219
Sesame	171	179,723
Thyme herb (bales)	174	984
Totals	12,259	256,469

Balsams

Fir.—The strong market prevailing on Oregon fir balsam was unchanged. The article was very scarce, and replenishment of supplies was difficult, if not impossible, because of the failure of the primary market to produce this year. Quotations tended upward. Canadian balsam was quiet, but firm.

Peru.—Fair request was noted, but most of the orders were of jobbing description. Prices remained steady to firm in most quarters. Stocks were sufficient, but also were far from being large.

Barks

Cascara Sagrada.—Activity as regards prices stopped some time back and has not been resumed. The firm market predicted when the new crop was being collected has proven to be a fact and last week all sellers said prices were easily maintained, and that there was very little competition in the market as a whole. Demand has been good.

Elm.—Demand was active and seasonable. Market undertones were exceptionally firm, and prices were free from the effects of excessive competition in the form of price concessions when firm orders were in sight. Sellers took a firm view on the future of the article.

Sassafras.—Inquiry has improved of late, and conditions forecast, to some in the local trade, a satisfactory season in the item. Prices were very firm last week, and bids made by manufacturing consumers were usually rejected. Stocks in the primary market were not excessive.

White Pine.—Manufacturers of white pine compound were busy preparing for the season of heavy demand for that article. Sellers have taken a firmer view on raw material coincident with the increase of the movement into consumption.

Wild Cherry.—Demand has broadened under the influence of the season. Manufacturers have been busy covering portions of their early Winter requirements and a general pickup in shipments into consumption has been productive of firmer prices in practically all quarters.

Beans

Calabar.—Demand was light and on a strictly jobbing basis. The market was routine in all respects and prices remained quiet but steady.

Vanilla.—Demand was reported fairly good in some quarters, excellent in others, and not excessively active in other directions. All agreed, however, that prices were being held firmly on the spot, reflecting the absence of weakness abroad. The unsold stocks in Europe included but a moderate quantity of the best quality beans. These were well held in keeping with the not satisfactory outlook for the next crops. Exports from Madagascar in the first quarter of 1936 totaled 1,473 metric quintals, compared with 798 metric quintals in the corresponding quarter in 1935. Of this quantity, the United States took 193 metric quintals directly from the primary market, compared with nothing in the previous year. French imports from the source were 1,280 metric quintals for the 1936 period, compared with 798 metric quintals for that in 1935.

Berries

Raspberries.—Dried fruit was very firm at 80c. to 85c. per pound. Stocks at the source were reported much reduced by shipments already made to consumers and distributors. The high prices resulted from limited production this year.

Saw Palmetto.—With total failure of the crop this year being forecast by the absence of berries on the palms in Florida, prices continued to hold exceptionally firm and the tendency was upward. Spot quotations were 35c. to 36c. per pound.

Flowers

Arnica.—The market was about steady on spot but demand has not been sufficiently active to support the upward movement attempted by some in the not far distant past. Replacement costs were also steady.

Chamomile.—Movement has not expanded much of late but against that

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

HOPKINS BRAND
CRUDE DRUGS
GUMS { KARAYA • ARABIC TRAGACANTH

PYRETHRUM • REDRATSQUIL
DERRIS • CUBE
We have been for over forty-five years first hand direct importers and suppliers of all foreign and domestic crude drugs, importing from every important shipping point in the world. All botanicals we import or handle are CHEMICALLY, MICROSCOPICALLY and BOTANICALLY assayed to determine conformity with our standards as well as the pharmacopoeia standards.
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VANILLA BEANS
F. HUBER & CO., - 99 Hudson Street, New York

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GUM ARABIC
GUM KARAYA
GUM TRAGACANTH
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ESTABLISHED 1840
WAREHOUSE AND MILLS, JERSEY CITY, N.J.

CRUDE BOTANICAL DRUGS
TRADE *From Forty Nations* MARK

condition was the very steady call for moderate quantities. Prices showed stability in all directions.

Clover Tops.—Fair request was noted. Prices paid in Europe were not much lower of late and the result has been the development of very steady undertones in the spot market. Demand was routine last week.

Poppy.—No excessive production of this item has been reported from abroad and replacement costs have been well maintained for some time past. Spot quotations were steady last week notwithstanding the not expansive demand for the item.

Saffron.—Further decline in price failed to develop. Spanish saffron was well held despite the absence of large request for the material. Stocks were not large but they proved ample to supply wants of buyers during the past week.

Gums

Arabic.—Business continued in volume about equal to that in recent weeks. The movement into consumption was insufficient to bring strength to the local prices on the article but, also, it was large enough to hold price shading in check most of the time. Supplies were ample locally.

Asafetida.—Powder was called for somewhat more actively than it had been. A market of very steady undertones was maintained and values failed to change, being mainly firm.

Camphor.—Seasonable demand for tablets and powder contributed much to the very steady prices prevailing during the past week. The movement of foreign and domestic synthetic camphor was about satisfactory, but powder and granular were lower. German exports of synthetic camphor in the first six months of this year totaled 992 metric tons, comparing with 776 metric tons in 1935, and 1,129 metric tons for the corresponding period of time in 1934. Prices on synthetic camphor, powder and granular were down a fraction. The market was:—2,000-pound lots, 48c. per pound; 500-pound lots, 50c.; 100-pound lots, 51c.

Guaiac.—Declines have been checked and a steadier market established at the lower levels recently set up when stocks underwent an increase by reason of the quality of importations meeting the approval of the Department of Agriculture. Demand was moderate last week.

Tragacanth.—The market was strong and the tendency of prices was upward. Control of prices abroad was absolute and has raised export quotations substantially. Hitherto a large proportion of the Iranian (Persian) gum imported by the United States was purchased from third countries which had entered into this business for the purpose of improving their foreign exchange position. Now, however, the Gum Tragacanth Export Corporation is reported to be giving special permission to representatives of American importers to export the article. Imports here in the first eight months of this year totaled 1,368,000 pounds, compared with 1,955,000 pounds in the corresponding period of 1935.

Herbs and Leaves

Damiana.—Competition was less a factor in the market than it had been recently. Prices were held more steadily and resistance to bids made by consumers was more or less general. Supplies were moderate.

Digitalis.—An exceptionally firm market prevailed. Demand was good and proved a contributing factor in the steady maintenance of prices. The tendency, if any, was upward, in keeping with the situation abroad.

Marjoram.—French material was somewhat lower at 18c. to 18½c. per pound, but the Tunisan article held unchanged at 17½c. to 18c. Somewhat more favorable replacement costs in France was reported.

Senna.—Steady prices were the rule. The softness that recently accompanied the development of lower prices was no longer noted, and for the most part a more stable situation seemed to have developed. The general situation in replacement markets was one of considerable firmness.

Stramonium.—Competition kept the spot market lower than replacement costs would have justified, according to local reports. Quotations were 9c. to 10c. per pound, and at that position they were said to be firmly maintained. Statements that the market should be 11c. to 12c. per pound were still being made.

Miscellaneous

Ergot.—The market turned around and prices were advanced to $1.50 to $1.55 per pound. Following a period in which quotations from Portugal declined steadily, cables from shippers in that country carried news of advancing prices, and toward the close of last week some of them stated that supplies had been exhausted. The true situation must await re-establishment of direct contact between Spanish shippers and importers in this market. Until then prices were subject to fluctuations in accordance with conditions prevailing in Portugal.

Kamala.—Replacement costs have been advanced. Spot quotations rose on successive sales, and late in the period the market was 35c. to 37c. per pound.

Lycopodium.—Prices were about steady. Stocks were far too small to permit continued decline in local quotations. The demand was comparatively small during the past week.

Manna.—Cables from Italy indicated that prices there were holding quite steady. Hence, the spot values were more or less stable most of the time last week. Some fair-sized business was done in small flake.

Papain.—Recovery of prices was still to be attained. Dealers declared that values have rarely been lower, but they were also certain that the present market could not be continued over a long period of time. Experience in the article argued entirely in favor of a revival of values in the future.

Roots

Cube.—Prices were firm at the recent decline in the schedule on powdered material. The setup was said to be in line with present replacement costs and took into consideration the unquestioned tendency toward competition between sellers.

Derris.—This item in powdered form was reduced in price during the previous trading period. Quotations were very steady last week, even though competition still prevailed well in the background. The present schedule was said to line up with replacement cost of whole root.

Golden Seal.—Powdered material sold readily at $3.10 to $3.15 per pound and was said to be strictly in line with replacement cost based on prices that have been paid for the small amount of whole root produced this year. Export request was quiet.

Sarsaparilla.—Replacement costs were such as to make the spot market slightly higher at 12c. to 13c. per pound. The article was said to be held very firmly in the Mexican market. Demand locally was reported to have been about normal.

Squill.—White material was due to experience an expansion in demand. Seasonal requirements of manufacturing consumers were expected to increase, and hence there was a somewhat firmer undertone, notwithstanding the fact that prices remained unchanged.

Seeds

Cardamom.—Careful shopping of the spot market showed that decorticated seed were minimum at $1.12 to $1.15 per pound if a genuine Indian article was desired. Such material is the ordinary item of commerce in this country. Bleached and green seed were very steady at unchanged prices.

Celery.—The advance of prices in France continued and spot seed was raised to the level of 20c. to 21c. per pound. The rise was not accompanied by much demand in local circles. Indian seed was higher also, being quoted at 15c. to 16c. per pound in sympathy with the French material.

Mustard.—Demand was somewhat irregular and scattered during the past week. Hungarian yellow was up a fraction to 7½c. to 8c. per pound, but none of the other varieties of this seed were changed in price. Foreign markets were generally steady.

Poppy.—Somewhat more competition came on spot when replacement cables from Poland came in lower. Quotations were 7⅛c. to 7½c. per pound on Dutch seed and 6⅞c. to 7⅛c. per pound on Polish material. No offerings, either spot or forward, were made on Hungarian material, home requirements of Hungary taking up most of the 1936 production of that country.

Rape.—The large buying that took place prior to the imposition of the import tax supplied this country with an ample reserve of this item. Hence, the spot market last week continued to be generally quiet. Prices were unchanged.

Spices

Cassia.—Batavia No. 1 was down to 13¼c. to 13¾c. per pound. China rolls were off to the basis of 5⅛c. to 5⅜c. per pound. Extra broken select was slightly higher at 3¾c. to 4¼c. Saigon was considerably cheaper at 15½c. to 16c. These shifts in values were the product of local competition.

Cinnamon.—No. 2 Ceylon material was shaded to 17c. to 17½c. per pound and the No. 3 quality was down to 16c. to 16½c. Competition on the spot was behind the movement.

Ginger.—African root continued to move in favor of buyers and spot quotations late last week were 14c. to 14½c. per pound. Some substantial shading of quotations on Jamaica root brought out the following prices:—Bold, 18½c. to 19c.; medium bold, 13½c. to 14½c.; bright grinding, 13⅛c. to 19c. Japanese root was softer and lower under competition, making the market 16c. to 16½c.

Paprika.—New crop prices continued to bring reductions in spot quotations on Spanish material. Late last week prices were as follows:—Extra fancy, 27½c. to 28c. per pound; fancy, 23½c. to 24c.; fair, 22c. to 22½c.; medium, 22c. to 23c.

Pimento.—The advance was extended. Spot quotations were higher at 15¾c. to 16c. per pound in a very firm market that reflected moderately the stronger trends of values in the primary market.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

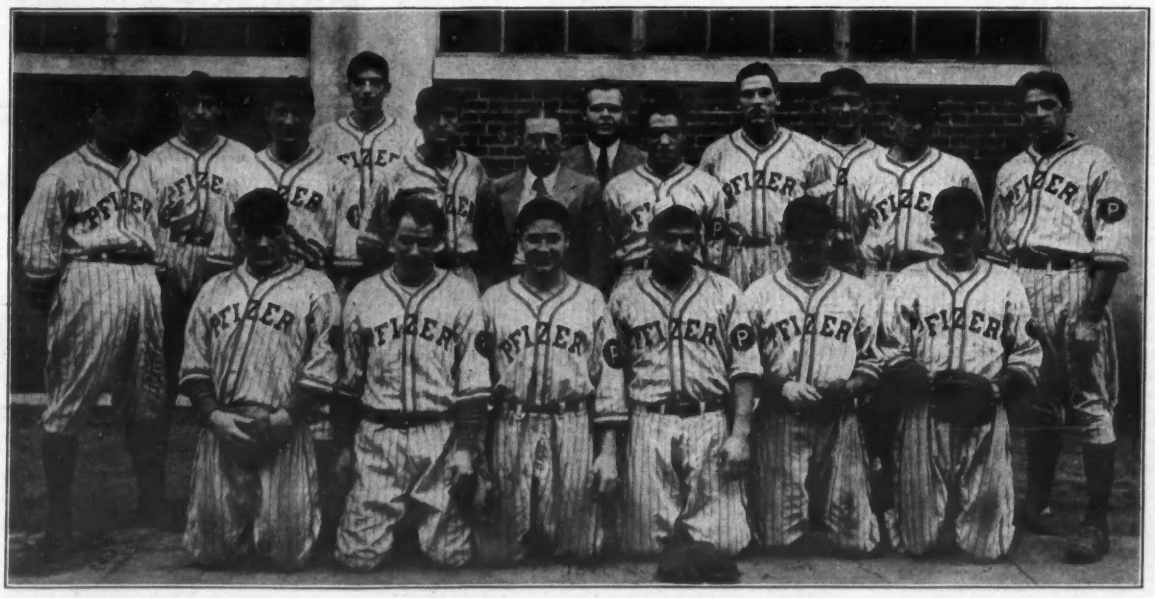
London Drug and Oil Data

Stocks of drugs and oils in London public warehouses, September 30, 1936 and 1935, and the movement of these goods into and out of such premises during September, this year, were as follows:—

	Landed.	Delivery.	Stocks 1936.	Stocks 1935.
Shellac, orange, cs.	3,177	2,747	125,191	207,492
garnet, cs.	161	306	972	637
button, cs.	397	538	1,056	742
Totals	3,735	3,591	127,219	208,871
Quinine sulphate, lbs.	...	...	...	...
Cinchona bark, South American, cs.	...	...	...	...
bales, etc.	...	...	...	...
East India, Ceylon, and Java—				
cs.	...	...	...	...
bls., etc.	323	265	445	765
Totals	323	265	445	765
Aloe, cwts.	169	340	219	103
Anise, Star, cwts.	13	26	81	75
Arrowroot, bbls.	425	361	2,079	1,796
boxes and tins	...	...	...	...
Balsam, cwts.	51	38	111	35
Cascara sagrada, tons	29	26	45	113
Tanners' bark, tons	...	...	...	...
Beeswax, pkgs.	1,745	1,757	2,519	2,636
Japan wax, cs., etc.	252	187	297	299
Camphor, pkgs.	209	210	381	401
Cardamom, cwts.	30	77	264	665
Cochineal, bgs.	74	63	61	27
Coculus indicus, bgs.	...	...	...	...
Colombo root, bgs.	...	42	5	477
Cubebs, bgs.	...	...	5	17
Dragon's blood, cs.	1	13	162	109
Nutgalls, China and Japan, cs.	140	...	580	646
Turkey and Persian, bgs.	91	101	152	79
Gum, ammoniac, pkgs.	...	...	27	19
animi, pkgs.	11	34	477	533
copal, pkgs.	3,390	3,226	17,957	14,807
arabic (all descriptions), pkgs.	1,691	1,521	11,923	7,217
asafetida, cwts.	24	2	447	445
benzoin, cwts.	70	52	814	726
dammar, pkgs.	1,131	804	6,018	4,423
gamboge, cwts.	...	2	29	50
guaiac, cwts.	...	2	117	165
elemi, pkgs.	...	...	...	...
kauri, tons, net.	81	9	199	286
mastic, pkgs.	25	6	79	62
myrrh, East India, pkgs.	...	15	85	196
olibanum, pkgs.	...	5	245	268
sandarac, pkgs.	9	53	124	125
tragacanth, pkgs.	306	1,144	4,247	6,084
Ipecac, Mattogrosso, Minas, Carthagena, E. I., cwts.	74	40	260	53
Jalap, cwts.	31	32	13	12
Myrabolans, tons	...	...	2	2
Nux vomica, cwts.	102	122	...	491
Oils, castor, cwts.	474	469	77	163
palm, tons	...	...	...	1
coconut, tons	115	115	32	30
olive, casks, etc.	475	553	926	1,191
*anise, cwts.	40	59	14	4
*cassia, cwts.	48	51	2	...
Graphite, tons	50	46	72	37
Rhubarb, Chinese rhapontica, cwts.	177	80	315	312
Saltpeter, tons	...	1	1	10
Nitrate soda, tons	...	24	1,939	1,962
Sarsaparilla, cwts.	17	32	338	321
Senna, bls.	248	452	3,527	4,573
Sticklac, cs.	380	702	2,202	1,353
Gambier, tons	6	8	6	12
Cutch, tons	3	2	5	10
Turmeric, Bengal, tons	...	5	78	31
Madras, Cochin, etc., tons	20	23	174	66
Total tons	20	28	252	97

* Stocks at certain wharves not included.

O. L. West, Philadelphia, reports that he has resumed sole ownership and operation of his own business, under the name of the O. L. West Company, handling his usual lines of raw materials for the paint, varnish and allied industries, and eliminating simply the oil accounts in which he recently had been interested.



Champion Baseball Team of Charles Pfizer & Co., Chemical Manufacturer, New York

The Pfizer team finished 1936 in the lead in division B of the Brooklyn Industrial League. Controversies in division A prevented the determining of the leadership therein and deprived the Pfizer "Tartars" of the opportunity to play for the league championship. The players pictured above are:—Top row:—L. McKee, A. Viehl, E. Haag, J. Flack, G. Viehl, F. L. Mead (manager), A. Chetelo, F. Lovetree, N. Lazzaro, J. Rogers, J. Stevens, W. Boss. Lower row:—J. Cronin, C. Boss, E. Gassman, A. Pope, D. Broun, R. Heffernan.

Essential Oils, Aromatic Chemicals

Higher Cables Bring Rise in Spot Lemon Prices — Eucalyptus Scarcity Featured in Further Advance in Quotations —Sweet True Almond Higher—Demand Good

While most dealers reported a very good demand from manufacturing consumers of essential oils and aromatic chemicals during the past week, brokers and agents declared that trade had been very quiet with them. Interest in offerings of goods for import was irregular, and the resulting volume of transactions was not generally satisfactory. However, prices on replacement supplies were mainly steady, and the quotations of dealers to manufacturing consumers fully reflected that situation.

Cables reported higher prices on Italian lemon oil. Spot quotations followed the market up, and at the close of the period were very firm. However, not all dealers were convinced that the rise abroad would be maintained, having in mind that production was still going forward. Orange and bergamot oils were firm, but lacked new developments.

A higher market was also set up on eucalyptus oil. This movement to higher price levels was only in line with the steady increase in values over the past several weeks. Far Eastern producers found it difficult to comply with demands reaching them. The picture might change should Spain eventually come on the world market with substantial stocks.

A sizeable arrival of sweet true almond oil was noted during the previous period. However, the increase in stocks not only failed to reduce prices, but it also failed to check the upward trend of prices. Quotations were advanced further, and the market was very firm.

Exports of essential oils from the United States during the first eight months of this year totaled 1,510,000 pounds, as against 1,877,000 pounds exported during the corresponding period in 1935.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Almond, sweet, true, 5c. per lb.
Eucalyptus, 2c. per lb.
Lemon, Messina, 30c. per lb.

Reduced

None

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
73.6	72.8	75.0	69.7

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Almond.—Arrival of a fair quantity of sweet true oil from Marseilles during the previous week was reported. Far from easing the spot market, values were definitely higher and quotations at 75c. to 80c. per pound were noted. Demand was reported quite active, this being the season when consumption gains substantially.

Anise.—Short stocks and virtually nominal prices outlined the market position of this item last week. Inability to secure substantial quantities from the source continued to keep local supplies under normal.

Apricot.—Kernel oil was firmly held under the influence of good demand and a not excessive outmovement of the material from the primary market. Stocks on this market appeared to be sufficient, but they were not overly substantial in size.

Bergamot.—Foreign market prices were very firm, and those on spot were in similar position. Sales to the soap trade were said to be in very good volume, there having been a market increase in production of soap during recent weeks.

Birch Tar.—Fair demand was noted, but it was of routine description and failed to bring about any action on prices. The latter were reported to be very steady at all times. Stocks seemed to be adequate for present needs.

Capsicum (Oleoresin).—Production costs were well maintained by reason of the absence of any weakness in prices for raw material. In fact, values on capsicum pepper were recently on the upward trend. Demand for the oleoresin was active and at seasonal levels.

Cardamom.—Production costs have risen, in keeping with the higher cost of raw material in the Far East. Spot quotations ruled in exceptionally firm position, and were supported by a demand that was steady though not expansive.

Cassia.—Sales to the soap manufacturers have gained parallel with the expansion of their manufacturing operations. Spot business was maintained at the volume prevailing in recent periods, and for the most part values seemed to be somewhat steadier on the whole.

Citronella.—Cables were slightly easier according to some agents of primary market shippers, but on the spot Ceylon oil held steady in price under the influence of a fair-sized demand for prompt deliveries.

Coriander.—The strength of the spot market was unabated, resting definitely on the small stocks that were available and the difficulty dealers experienced in placing orders abroad for quantities other than those of distinctly limited size.

Eucalyptus.—The market was higher at 35c. to 37c. per pound in drums and 37c. to 39c. per pound in cans. This development was in line with absence of normal shipments from the Far East where demand for export parcels has increased heavily since Spanish shipments stopped. The season of increased demand was underway last week, and that, too, added to the basic strength of the material.

Geranium.—The market has become more clearly defined since reductions in spot prices brought the local position of the material into alignment with the lower cost at which some dealers have secured goods. Demand has not braced substantially but it was still very good.

Ginger.—Prices were exceptionally firm. Demand was seasonally active and in the absence of much competition values were well maintained in all directions. Stocks were mostly moderate in size.

Juniper Tar.—Prices still ranged 35c. to 50c. per pound on oil in drums and 38c. to 52c. per pound for the article packed in cans. Holders of spot goods were few but most of them reported but limited interest being shown by buyers.

Lavender.—Soap makers took fair-sized quantities of this item and there was also a somewhat larger movement to other buyers of flower oil. Prices were generally steady. Spike oil from Spain was very firm, and the future of supplies was still uncertain because of an absence of contact direct with the Spanish producers.

Lemon.—The spot market was higher at $1.85 to $2.40 per pound for the Messina article. Values abroad were higher but some on spot were not convinced that the higher levels established in recent weeks would be maintained after the entire crop is in. California oil was firmer among local dealers, some quoting as high as $1.90 per pound for a prompt delivery. However, no change in the official price of the domestic producers was made, the quotation being $1.75 per pound.

Lemongrass.—A fair-sized interest was disclosed by manufacturing consumers and the result was a spot market in which prices held steady throughout the past week. Stocks were said to be ample for current requirements.

Mustard.—Artificial oil was very steady. Demand by manufacturing consumers was said to have broadened somewhat coincident with the arrival of the season when needs usually expand. Betterment in business brought firming up of spot prices.

Orange.—Trade was rather quiet on the whole. The usual drop in demand from Summer levels has taken place, leaving a call that was said to be not larger than usual at this time of the year. The fact that new crops were pending throughout the producing areas of the world was also a factor in keeping buyers from the market for all but their immediate needs. A report of the Department of Commerce stated that production in French Guinea in the first quarter of this year was 89 tons, compared with 123 tons in the corresponding period in 1935. Importations from all sources in the first eight months of this year totaled 135,000 pounds, compared with 110,000 pounds for the 1935 period, according to the department.

Pennyroyal.—Spanish oil was still in low supply and the future of business with the primary market was still uncertain. Demand was moderate. Domestic oil held firm notwithstanding the fact that new crop production was in hand.

Peppermint.—Reports from the middlewestern market stated that a firmer situation had developed. Some dealers advanced the price they would pay producers and they also were less disposed to accept bids from dealers on spot.

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

OIL OF SANDALWOOD EAST INDIA

We are pioneers in the distillation of this Oil in U. S. A. Looking back over our fifty-one years business experience, we can say that during half that time we have been manufacturers of Sandal Oil, and we unhesitatingly and without reserve offer our product as

THE FINEST OBTAINABLE

With our knowledge of Sandal, we believe you will admit we know whereof we speak when we make this claim.

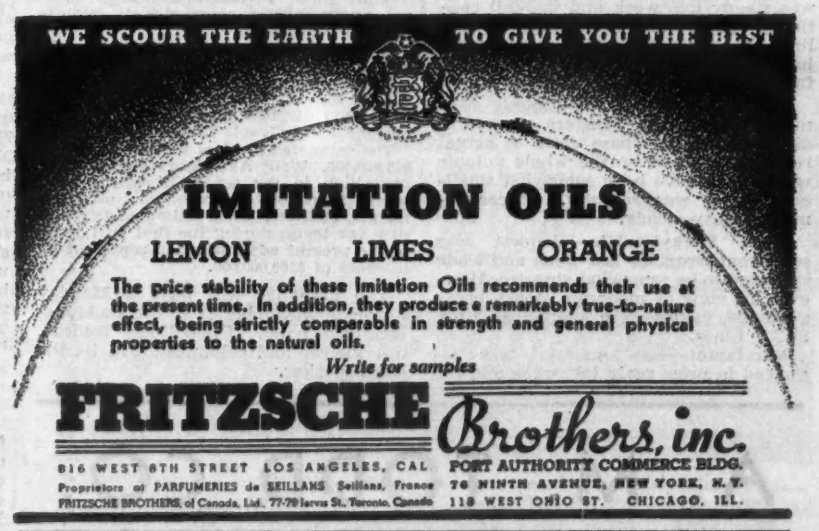
High in Santalol content Exquisite in Aroma

GEORGE LUEDERS & CO.
427-429 WASHINGTON STREET, NEW YORK
Factory: Brooklyn *Branches:* Chicago, San Francisco, Montreal, Mexico City

D. W. HUTCHINSON & CO., Inc.
IMPORT Established 1896 EXPORT
ESSENTIAL OILS — Odors and Flavors for All Purposes
162-164 FRONT STREET NEW YORK CITY

ESSENTIAL OILS
H. C. RYLAND, Inc.
161-3 Water St., New York

Buyers Prefer
"O-P-D"
Market Information
because it is
Definite and
Accurate


WE SCOUR THE EARTH TO GIVE YOU THE BEST
IMITATION OILS
LEMON LIMES ORANGE
The price stability of these Imitation Oils recommends their use at the present time. In addition, they produce a remarkably true-to-nature effect, being strictly comparable in strength and general physical properties to the natural oils.
Write for samples
FRITZSCHE Brothers, inc.
81 6 WEST 8TH STREET LOS ANGELES, CAL
Proprietors of PARFUMERIES de SEILLANS Seillans, France
FRITZSCHE BROTHERS, of Canada, Ltd., 77-79 Jarvis St., Toronto, Canada
PORT AUTHORITY COMMERCE BLDG.
76 NINTH AVENUE, NEW YORK, N. Y.
118 WEST OHIO ST. CHICAGO, ILL.

Locally, not much demand was noted, the movement being slow and small for the most part at unchanged prices. Exports in the first eight months of this year totaled 276,000 pounds, comparing with 178,000 pounds in the period a year ago.

Pimento.—No further advance in prices on leaf oil was made last week but the situation was still distinctly firm in all respects and sellers were usually inclined to refuse business offered at less than full prices quoted on the open market. Berry oil was steady.

Spearmint.—Activity was restricted to comparatively small orders but a fair number reached the spot last week and aided in the maintenance of very firm prices locally. Exports during the first eight months of this year totaled 21,000 pounds, comparing with 16,000 pounds during the corresponding period in 1935.

Thyme.—An exceptionally firm market prevailed, not so much because of demand for this item but because of the uncertainty of securing future shipments from Spain. The tendency here was to conserve supplies as much as possible. Hence, most sellers were restricting sales to regular customers.

Vetiver.—The spot market was in line with replacement costs and a very steady situation throughout the past week. The prices were recently lowered locally to reflect the reduced prices at which shipments had been recently obtained.

Aromatic Chemicals

Alpha-Amylcinnamic Aldehyde. — This jasmine aldehyde was steady at $2 per pound and demand was steady for quantities that were moderate in size at all times. Supplies were adequate.

Amyl Ethers.—All amyl ethers were steady. Demand was routine but about normal in volume and the market was free from any unusual degree of competition throughout the period under review. Prices were generally firm.

Anethol.—Lack of expansive demand has tended to keep this article from reflecting the exceptionally firm position of raw material. The latter was in very small supply and future shipments were uncertain. Demand for anethol was for small quantities most of the time.

Benzyl Benzoate.—The article that was free from chlorine was steadily held last week and a very good consuming request was reported generally. The market was less competitive than it had been.

Benzyl Isoeugenol.—At $15 per pound, this item was said to be priced favorably. The market was firm in keeping with replacement costs and the absence of more than moderate reserves in the hands of sellers.

Bromstyrol. — Soap manufacturers were takers in fair sized quantities. Production of soaps has gained of late and raw materials have moved in greater volume generally. Prices remained very steady.

Crataegone.—This soapmakers' item was steady last week and the call continued along the somewhat broader lines that developed when manufacturing by the soapers increased in the not far distant past. Prices were firm.

Diethyl Phthalate.—Business was moderately active. Buyers showed a disposition to purchase close to actual requirements and on the whole volume was said to have been somewhat smaller than it was recently. Prices remained very steady.

Ethyl Phenylacetate.—Request was somewhat irregular last week and trade appeared to be somewhat sluggish. However, in view of moderate stocks being available, values were maintained fully at all times.

Eucalyptol.—Raw material was advanced in price again last week and the supply thereof was conservative in all directions. Eucalyptol was in very good request and values had an upward tendency.

Geraniol.—The market was steady. Raw material was advanced in price in the recent past but last week it was slightly easier at the source. Demand for geraniol was said to be maintained at normal volume.

Linalyl Acetate.—Interest in this item was very good. Requirements of regular buyers were said to have increased in size to some extent and a generally more active market established on the basis of prices that were said to be firmer.

Methyl Benzoate.—Demand was regular and normal in volume. Undertones were held steady by the movement into consumption. Prices were steady to firm according to seller.

Paracresyl Acetate.—Demand was less active than recently. Buyers seemed to have covered their immediate needs in excellent fashion and hence the call during the past week was mainly of jobbing description. Prices held unchanged.

Phenylethyl Valerianate. — A high quality article fetched $15 per pound in numerous instances. Trade was quiet on the whole but the absence of a larger request failed to affect the firm position held by prices for some time past.

Philadelphia Drug Exchange Told of New Laws of State

At the Fall meeting of the Philadelphia Drug Exchange, H. H. Whyte, chairman of the legislative committee, reported as follows on the enactments at the special session of the State legislature:—

The extraordinary session of the Pennsylvania legislature adjourned August 6 after weeks and weeks of bitter and acrimonious squabbling; and, but for determined opposition in the senate, Governor Earle's request for estimated needs of $80,000,000, instead of the final figure of $50,000,000, would have been enacted. However, here is what got through:—

a. Corporate net income tax for 1936 and 1937 rate increased from 6 percent to 10 percent.

b. State personal property tax—increasing the tax for 1936 from 1 mill to 4 mills in addition to the county rate of 4 mills. This means that on a security without tax exemption paying 3.25 percent or $32.50 interest a year without tax exemption covenants, the State will take $8; the Federal government, at least $1.30 plus surtax; so that the widows and orphans, instead of receiving a reasonable $50 return on their income which was the average prior to the present period of hectic borrowing, they will receive an inadequate $23.20—and compared with 1932 purchasing power, this $23.20 will buy only about $17 worth of food and necessities.

c. The tax on title insurance and trust companies increased from 5 mills to 8 mills.

d. Tax on bank shares increased from 4 mills to 8 mills.

e. Tax on joint inheritance:—Property held in joint name is now subject to inheritance tax; another jolt for widows on homes held in names of husband and wife.

f. Public utility tax—increase on gross receipts from 14 mills to 20 mills. How are public utility companies to reduce rates to consumers?

g. Liquor sales tax—10 percent on sale of liquors by the State board.

h. Act No. 37:—An excise tax from August 15, 1936, to May 31, 1937, of 4 percent upon distilled spirits on prices payable by Pennsylvania Liquor Board.

The estimated yield of the new levies is $45,000,000. Well! As before stated, but for opposition in the senate, it might have been $30,000,000 worse—fuel oil, gas meters, etc., etc. It is estimated that the new tax levies during the first two years of the present administration represent an increase of $160,000,000.

The exchange will have a Monday luncheon November 11 in the Bellevue-Stratford hotel. C. William Duncan, interviewer and columnist, will be the guest speaker.

A. M. TODD CO.

Growers, Distillers and Refiners of

ESSENTIAL OILS

CRYSTAL WHITE—DOUBLE DISTILLED

PEPPERMINT, SPEARMINT, WINTERGREEN, Etc.

Main Office and Works

KALAMAZOO, MICH., U.S.A.

N. Y. Drug Chemical Group Discusses Laws

(Continued from page 3)

Stressing the need for a strong, fearless industrial attitude against undesirable practices (this feature of his address was reported in the REPORTER last week), Mr. Hoge asked that the policing functions of the Food and Drug Administration be recognized as a necessity for the good of the industries, as well as of the public.

With respect to the content of contemplated bills, Mr. Hoge said that the definition of "cosmetic" should remove the absurdity of classifying a medicinal soap as both a drug and a cosmetic; that the variation clause be stated as it was approved by the senate in S.5 and that the apparent nullification of this clause be obviated by the deletion of section 401 (d); that the provision for label warnings be a specific requirement of adequacy, not leaving the matter to administrative definition; that official packaging be not made paramount to satisfactory trade practice; that the definition of "advertising" be limited to the purposes of the act—origin, identity, value—and not too all-inclusive; that excessive punitive possibilities be avoided in dealing with seizures, particularly that cases be consolidated and brought to trial in a convenient district.

Horace W. Bigelow traced the history of several pieces of legislation affecting the drug and chemical trades, including the serum act, the antinarcotic act, the prohibition act, as well as the food and drugs act. In respect of the movement to revise the last-named law he pointed back to the Copeland amendment of 1931 which sought to bring advertising under the act.

Socialogic Legislation

Mr. Bigelow spoke also of the trend in social and economic legislative purposes and plans, seeing therein a distinctly socialistic tendency. He said that the need was to "get out of the mire, back on the highway, and go forward."

This theme was elaborated by Ernest A. Gross, of the legal department of the National Association of Manufacturers, who outlined the purposes, provisions, and possibilities of the Walsh-Healey government contract act, the Wagner labor relations act, and the social security act. He also discussed the O'Mahoney bill for the licensing of corporations to do an interstate business, the Ellenborg bill to set up a "Little NRA" for the textile industry, and the Black "thirty-hour-week" bill. These measures and their purposes, he said, would receive much consideration at the next session of Congress.

In the opinion of Mr. Gross legislative efforts of this sort should be experimented with in a State not in the country as a whole. He believed that much of this effort was outside the province of the Federal government, and he declared that in making it the government sought to do by indirection what it cannot do directly.

There is opportunity everywhere and there is no valid reason for fearfulness of the future of the United States, said Hon. Joseph R. Hanley, member of the New York senate. Mr. Hanley, speaking at the dinner, laid out a philosophy of self-confidence and industriousness which, he declared, would carry men forward and upward. False values should not be allowed to mislead, he urged. The making of men and of businesses is largely, if not wholly, in their own hands—if they but do the job with a proper appreciation of its place in the general scheme, searching out facts and facing them.

Chemistry and Medicine

Contributions of synthetic chemistry to the treatment of disease were discussed by Dr. Joseph F. Montague, who cited the newer developments in the synthesis of vitamins and hormones. It was his feeling that physicians should endeavor to improve their ability in diagnosis, and that chemists and druggists should have the job of providing medicine with better and better therapeutic agents.

Mr. Montague said that the physician is in a position first to recognize trends in medicine and to learn of tendencies in public attitudes and opinions. He said that it was plain that health-consciounsss has developed far on the part of the public, and this seeking for health information should be met by truthful, educative advertising. "You know, as we know, what is true and what is not," he declared. Dr. Montague urged strongly that the industries "trim their fringes," referring to the cosmetic industry as one with an excellent recognition of the need for, and value of, self-regulation.

Dr. Montague suggested the desirability, suitability, and general value of cancer therapy as a subject for chemical research.

Chemical Progress

A sound-motion picture film was shown by E. I. duPont de Nemours & Co., with the title, "The Wonder World of Chemistry." This depicted the services performed for mankind by chemistry in the transformation of air, water, wood, salt, coal, and other common natural materials into articles useful in hundreds of ways for the welfare, comfort, and entertainment of the human race.

This was followed with another sound-picture showing events in the life of Stephen Foster, accompanied with renditions of a number of his well-loved Southern melodies.

To the speakers and to the duPont company for its instructive and pleasing contribution, the meeting extended a rising vote of thanks.

In the course of the meeting, which was held at Skytop, Pa., October 23 and 24, the section's committee on membership, through George Simon, of the Heyden Chemical Corporation, reported the admission of thirty-four new members, increasing the membership 25 percent. The legislative committee, through Gustav Bayer, of Merck & Co., briefly reviewed the activities of the section in connection with national, State, and local legislative developments, reporting a resolution in opposition to tariff bargaining and the creation of a committee to study the Robinson-Patman act.

Joseph A. Huisking, of Charles L. Huisking & Co., reported the formulation of by-laws comprising rules of procedure for the section. These had been commended by the members.

James C. Chilcott, of the Maltine Company, chairman of the section, presided at the sessions. Almost a hundred persons attended.

Golf Tournament

A golf tournament was held in connection with the meeting. The qualifying and classification round was played in the afternoon October 23, with some thirty entrants. The prize round was played the following afternoon.

The golfing was arranged and supervised by a committee composed of Charles E. Kelly, of Hagerty Brothers & Co., chairman; Elliott Odell, of the Topics Publishing Company; and John P. Remensnyder, of the Heyden Chemical Corporation. Awarding of the prizes was handled by Mr. Odell, following dinner October 24. The winners were:—

Low gross medalist, Paul Miller, of the International Cellucotton Products Corporation.

First flight, low net, P. Val Kolb, of the American Agricultural Chemical Company; second low net, R. W. Whitney, of the Hinde & Dauch Paper Company.

Second flight, low net, Robert Kramer, of the Th. Goldschmidt Corporation; second low net, Hugh Craig, of the OIL, PAINT AND DRUG REPORTER.

Kicker's handicap, first, R. Gordon Smith, of Seeley & Co.; second, J. G. Kelnberger, of the Scholl Manufacturing Company; third, E. J. Maguire, of the Grasselli Chemical Company; fourth, Paul L. Miller, of the Lotte Chemical Company.

Highest score, Andrew H. Gerndt, of the H. Clay Glover Company.

Special recognition of honesty, accuracy, and all-round fortitude, Dr. E. L. Newcomb, executive vice-president and secretary of the National Wholesale Druggists Association.

Arecoline Hydrobromide Is Not Dutiable as Medicine

Arecoline hydrobromide has been held by the United States Customs Court, First Division, to be dutiable as a bromine compound at 10 cents per pound under paragraph 45 of the tariff act of 1930, and not as a medicinal preparation at 25 percent ad volorem under paragraph 5. This ruling was made in the hearing of a protest by Gane & Ingram, Inc., this city, against the local collector of customs who had taken duty on the basis of classification of the article as a medicinal preparation. The reverse finding of the court was influenced by testimony that arecoline hydrobromide, because of its highly poisonous character, cannot be used as a medicinal preparation but only as an ingredient of a veterinary medicine in combination with calomel or other laxative or purgative, which is necessary to prevent its poisonous action.

Petroleum Solvents, Lubricants, Fuels

Downward Revision of Solvent Prices Extended on Pacific Coast —Midcontinent Solvents Steady — Crude Output Up— Gasoline Consumption Good

The Pacific Coast market was the scene of the most interesting price developments in the market for petroleum solvents and naphthas. Except for low-anilin paint thinners, the prices for all other solvents sold on the Pacific coast were reduced following the decline in the price of lacquer diluent a week ago. The realinement of the West coast market marked the first general change in prices there for some time. The Midcontinent and East coast markets for solvents and close-cut naphthas was without change in price. Steadiness was the general characterization of conditions at these points, and, while the local demands were waning with the passing of the Fall season, there was a sufficiently large movement into consumption to hold the prices free from disturbance.

Other petroleum refinery products used as industrial raw materials were generally steady in price. Industrial demands were routine and perhaps a little lighter than normal because of the pending national elections.

Heating oils and fuels continued to assume the position of commanding interest in the market, albeit the consumption of gasoline continued good and far beyond what was expected for this time of the year. The Texas legislature passed a bill last week which provided for an increase from the current rate of 2c. to a rate of 2¾c. per barrel on crude oil produced in that state. The bill now goes to the Governor for signature, and it was indicated that it will become law at once.

Daily average production of crude oil in the United States for the week ended October 24 was 3,083,050 barrels, an increase of 2,700 barrels over the preceding week's average of 3,080,350 barrels, according to the estimate of the American Petroleum Institute, which omits any oil that might have been produced surreptitiously. The average for four weeks ended October 24 was 3,045,550 barrels, and the average at this time a year ago was 2,797,950 barrels. Crude oil stocks October 17 totaled 292,538,000 barrels, against 292,701,000 barrels October 10, according to the Bureau of Mines.

Solvents and Diluents

The revision of tankcar prices for lacquer diluent at Pacific coast refineries, which was reported here last week, was followed by a general revision of quotations for petroleum solvents and naphthas on the West coast. Low-aniline paint thinners escaped price shift but the remainder of the group of thinners was lowered on an average of about 2c. per gallon. Prices for high-solvency aromatic naphthas in the Eastern bulk market were steady following the recent reduction in the price for one grade. The Midcontinent market for solvents was also steady and the demands for rubber solvents continued to lead the market's activity.

Cleaners' Naphthas.—Conditions surrounding the Midcontinent market were without change last week. Tankcar quotations were based at 7⅜c. to 7½c. per gallon, basis Group 3.

High Solvency Naphthas.—As reported here last week, quotations for the No. 30 solvent were revised and sellers quoted 19c. per gallon for tankcars with freight allowed within a 100-mile radius of Paulsboro, N. J., and, 18¼c. per gallon for deliveries beyond this radius with freight equalized with the nearest competitive point.

Lacquer Diluents.—Following the reduction in prices at Los Angeles and San Francisco, tankcar prices were lowered at other Pacific coast points. The prices were named as follows: El Segundo, 11c. per gallon; Richmond, 11½c.; Willibridge, Ore., 12c.; and Point Wells, Wash., 12c. per gallon. These prices include 1c. Federal tax but were salable on an ex-tax basis provided buyers furnished exemption certificate.

Petroleum Thinner.—Prices for all types were lowered at all West coast refinery points. The only exception was in the low aniline types of thinner. Material testing 44 gravity with a boiling range of 311 initial and 385 end was priced as follows: El Segundo, 10½c. per gallon; Richmond, 11c. per gallon; and Willibridge, Ore., and Point Wells, Wash., 11½c. per gallon.

V. M. & P. Naphthas.—The Midcontinent market held a steady position last week with moderate activity reported. On the Pacific Coast, however, the 54-57 gravity, 190 i.b.p.-310 e.p. grade was reduced to the basis of 10½c. per gallon at Los Angeles and 11c. per gallon at San Francisco. The grade testing 46.5 gravity and 254 initial to 380 end, was lowered to the following levels: El Segundo, 11c. per gallon; Richmond, 11½c. per gallon; and, Point Wells, Wash., and Willibridge, Ore., 12c. per gallon. The latter quotations include the 1c. per gallon Federal tax.

Markets at Other Centers

Chicago, Oct. 29.—Petroleum diluents and solvents were reported in firm tone, with no important change in price noted. Buying has been of a modest nature, but the totals were fairly substantial last week. Accordingly, a rather healthy tone seemed to prevail. Ruling prices in tankcar lots except as noted are (tankcar prices f.o.b. Group 3, Oklahoma):—Blending naphtha, 4½c. to 4¾c. per gallon; cleaners' naphtha, 7⅜c. to 7½c., tankcar; 15.5c., tankwagon; petroleum spirits, 6⅜c. to 6½c., tankcar; 16.2c., tankwagon; lacquer diluent, 8⅜c. to 8½c.; rubber solvent, 7⅜c. to 7½c.; Stoddard solvent, 6⅜c. to 7c., tankcar; 16.5c. tankwagon; v.m. & p. naphtha, 7⅜c. to 7½c., tankcar; 16.5c., tankwagon.

Tulsa, Oct. 29.—With the gasoline market remaining unchanged in trade quotations the solvents and naphtha markets were stationary. However, the volume of business was light and shipments were at a lower level last week. Prices remained at 6⅞c. to 7⅜c. per gallon for tanks.

Lighter Fractions

The market for liquefied petroleum gases in the light hydrocarbon solvent group continued in a well stabilized position. The prices quoted by the leading producers in the Group 3 area have not been altered since the general revision of the price structure a few weeks back. The demands were understood to have been routine.

Butanes.—Conditions surrounding the market for this article have not been changed. The market continued to be quoted at 2¼c. to 3¾c. per gallon for tankcar lots, basis Group 3, according to the number of cars used per month. The quotations were for material testing up to N. G. A. specifications.

Hexanes.—Normal grade was priced at 10½c. per gallon in tanks, while the drumcar quotation was 13c. per gallon, both f.o.b. Group 3. Drumcars of the laboratory grade remained at 16c. per gallon, also basis Group 3.

Octanes.—This mixture reflected the stabilized position of the general market for light solvent fractions. Tankcars were named at the recently established figure of 8½c. per gallon, f.o.b. Group 3.

Propane.—The market held unchanged at 3c. to 4⅜c. per gallon for tankcar lots, f.o.b. Group 3. As far as could be learned last week, the demands of the market were routine.

Petroleum Production—Motor Fuel Stocks

	Barrels	
	1936 Jan. 1-Oct. 31	1935 Jan. 1-Oct. 31
Commercial crude oil production	891,418,000	798,443,000
	Week ended Oct. 31, 1936	Week ended Nov. 2, 1935
Daily average production	3,074,500	2,801,600
	Week ended Oct. 24, 1936	Week ended Oct. 17, 1936
Estimated motor fuel stock total	57,864,000	57,987,000
Estimated finished motor fuel stock at refineries	32,249,000	32,148,000

Petrolatums and Waxes

White Mineral Oils.—The prices for foreign and domestic oil were holding fairly well. Contracting interest was light at this time and spot business was also rather light, or at least it was not what it should be at this time of the year. Technical oils were moving in a routine way with moderate interest manifested by the confectionery and bakery trade.

Paraffin Waxes.—Local prices for scale wax seemed to be holding quite steady at 2.40c. per pound for 122-124 A.m.p. grade and 2.45c. per pound for 124-126 American melting point. So far as could be learned, there has been no shading of these quotations and the fact that several of the smaller producers in Pennsylvania were sold up through the remainder of this year was considered an aid to the stability of the market. The larger suppliers here looked for an improvement in scale wax prices over the next thirty to sixty days, but the fully refined waxes were not expected to show any change.

CHICAGO, Oct. 29.—Refined wax market conditions here were quiet. A certain firmness still pervaded the general situation, however. Orders aggregated a good bulk of material. Sellers have not receded from their firm quoting attitude. Inquiries are coming in from both domestic and export sources. Ruling prices are:—122-124, 4.65c. to 4.75c. per pound; 125-127, 4.9c. to 5c.; 127-129, 5.05c. to 5.15c.; 130-132, bulk or bag, 5.45c. to 5.55c.; 132-134, bulk or bag, 5.7c. to 5.8c.

TULSA, Oct. 29.—Quotations for paraffin remain strong at 2½c. to 2⅝c. per pound for the 124-26 American crude. Export inquiries were also more active and plants remained well sold up. However, there was no change in quotations.

Petrolatum.—The market held the recent gain of activity and aggregate sales of October were considered rather good by comparison with the usual volume during that month. Prices were held in an unchanged position. Petrolatum inventories made from Pennsylvania grade crude for the week ended October 22 totaled 1,287,053 gallons against 966,229 gallons in the preceding week.

The State of the Petroleum Market

There were no changes in crude oil prices last week. Gasoline at Pennsylvania refineries was lower. Dealer tankwagon prices were reduced ½c. per gallon in Newark. Service station prices were changed in Chicago, Louisville and New Orleans.

	Oct. 30	Oct. 23	Last Year
Crude petroleum prices at well (average for ten fields) per barrel	$1.276	$1.276	$1.156
Gasoline prices at refineries (at four refining centers) per gallon	.0534375	.05375	.0525
Gasoline prices at service station (average for ten marketing centers—including tax) per gallon	.1922	.1932	.1891

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

PENRECO U.S.P. PETROLATUM
YOUR SPECIFICATIONS ACCURATELY MATCHED
PENNSYLVANIA Refining Company
General Offices: BUTLER, PA.
Branch Office: 43 East Ohio St., Chicago, Ill.
SNOW WHITE
LILY WHITE
CREAM WHITE
BLONDE
EXTRA AMBER
AMBER
RED

MINERAL OIL RESIDUES
NAPHTHENIC SOAP
FLAG BRAND WHITE OILS
NAPHTHENIC ACID SLUDGE
Specifications Upon Request
S. SCHWABACHER & CO., Inc.
25 Beaver Street Importers New York

Petrolatums All Grades
WHITE OILS
DI-BUG PYRETHRUM PRODUCTS
SHERWOOD PETROLEUM CO., Inc.
REFINERY WARREN, PA. BUSH TERMINAL BROOKLYN, N. Y.

POWERFUL - LOW PRICED
JAVOLIAL
An effective substitute for Citronella . .
Imparts a cleaner, finer, more appealing odor in soaps, insecticides, disinfectants and other technical mixtures.
FRITZSCHE Brothers, inc.
216 WEST 18TH STREET LOS ANGELES, CAL
PORT AUTHORITY COMMERCE BLDG. 76 NINTH AVENUE, NEW YORK, N. Y.
110 WEST OHIO ST. CHICAGO, ILL

Outputs and Quotas

A comparison of suggested crude oil production for October as recommended by Secretary Ickes and the American Petroleum Institute's estimate of crude production for the week ended October 24, follows:—

	Federal agency allowable.	Estimated output.
Oklahoma	559,900	586,450
Kansas	155,000	168,550
Texas	1,106,900	1,194,700
Louisiana	189,300	233,700
Arkansas	29,600	28,150
Eastern (not including Michigan)	106,300	114,600
Michigan	30,000	30,450
Wyoming	37,300	41,650
Montana	14,200	15,500
Colorado	4,300	4,900
New Mexico	74,200	80,900
California	585,300	583,500
Totals	2,842,300	3,088,050

Fuels and Lubricants

The gasoline market in the Eastern refinery area continued through the week without much of a change from the conditions existing at the close of the preceding week. The reduction in prices a week ago was not extended but there were still some cut-price offerings of 65 octane U. S. motor material. The kerosene situation continued to strengthen and while price shading was still evident in the tankcar market it was not so widespread as in recent weeks and the gaining consumption should eliminate much of the price shading that has been a part of the market for the past several months.

Tankwagon Price Changes

NEWARK, N. J.—Dealer tankwagon prices for gasoline were reduced ½c. per gallon at Newark, October 20, by the Standard Oil Company of New Jersey. The dealer tankwagon price was now 12½c. per gallon, including taxes.

Market Conditions

Gasoline.—The reduction in tankcar prices at the local bulk market a week ago was not extended last week. The 65 octane U. S. motor grade was still shadable in certain directions and while leading sellers quoted 6¾c. per gallon for that grade in tanks, there were offerings at 6½c. per gallon. Quotations named by leading sellers of other grades were as follows:—U. S. motor, 62-63 octane, 6½c. per gallon; and, branded qualities, 7c. per gallon. All of these quotations were f.o.b. refinery. The demands of the market continued active through the past week. The local retail market evidenced a few weak spots, notably in Brooklyn, N. Y. The export market at the U. S. Gulf was unchanged last week and quotations were as follows:—U. S. motor 5⅛c. per gallon; 60-62, 400 e.p., 5¼c. per gallon; 60-62, 390 e.p., 5⅜c. per gallon; and 64-66, 375 e.p., 5½c. per gallon.

Kerosene.—Because of constantly improving demands, the shading of prices has been reduced to a minimum. There were still reports of shaded prices but these offerings were not so freely available as formerly. The quotations named by the leading sellers continued at 4⅜c. per gallon for tankcars of 41-43 water white, basis refinery. The demands continued to mount as the brisker weather came to hand. The export situation at the U. S. Gulf was unchanged during the past week with quotations holding at 3¾c. per gallon for prime white and 4⅛c. to 4¼c. per gallon for water white.

Fuel and Gas Oils.—The bunker oil market continued steady with C grade oil posted at $1.15 per barrel, basis terminals. Fuels moved in greater volume and prices quoted at retail were quite firm. The Diesel oil market has held a good interest and the price continued at $1.65 per barrel, f.o.b. terminals.

Lubricating Oils.—There was a flurry of purchasing in the Pennsylvania neutral oil market last week and prices were stiffened. The 180 viscosity, No. 3 color oil was named at 25c. per gallon, including tax, and was firm at that figure. The 150 viscosity was firm at 22½c. and the 200 grade was named at 26c. to 27c. per gallon, also including taxes. Bright stocks continued in a firm position and cylinder oils passed through the week without change.

Markets at Other Centers

Tulsa, Oct. 29.—Seasonal climatic conditions appeared to be the dominating influence in the refined oil markets in the Mid-continent. A broadening demand for heating oils was the feature. With the exception of some weakness in lubricating oil the refined oil markets appeared to be more seasonal than at any time this year with the exception of early Summer.

There were more inquiries for burning oils this week and shipments were steadily gaining. As the tone became firmer there was also a tendency for refiners to meet the demand which makes for increased trading and as prices continue to rise, there will be more reason to supply the demand from inventories, although, thus far, it is being apparently met from the current production. According to a survey of the Western Petroleum Refiners Association, there was again a slight rise in distillate inventories during September. In kerosene, however, some withdrawals were made from storage. In the latter it was believed this condition continued during October, although in distillates the increased trading gave indications that refiners probably no longer were storing their production.

Gasoline orders were light in the middle of the week as a result of the low temperature in the middle West. In the northern part of the central states, 20 degrees above was the prevailing level of temperature. The strength in gasoline disappeared this week due to increased supplies from the Rodessa area.

One of the large refiners marketing a 5-10 degree gravity fuel oil but of zero cold test raised quotations five cents a barrel as inquiries on a larger scale materialized.

Following are the approximate prices for refined products traded in the Mid-continent on the basis of Group 3:—

GASOLINE (refinery). — The contract prices for U.S. Motor (3rd grade) were practically unchanged at 4⅝c. to 4⅞c. per gallon. There were some sales reported at 4¼c. per gallon, although the resale level appeared to be 4⅜c. Trade quotations of other grades were unchanged with 63-67 going at 5c. to 5¼c., and 68-70 quoted at 5⅝c. to 5⅞c.

GASOLINE (natural).—This market remained unchanged, with 26-70 quoted at 4½c., Oklahoma, and 4¼c., Texas; 18-pound material at 5c. to 5½c. in Texas, and 5⅝c. to 5½c. in Oklahoma.

KEROSENE.—Quotations advanced ½c. as refiners increased shipments and the demand for later shipments became larger. The 41-43 grade became 3⅜c. to 3½c. per gallon at resale and the trade markets, while 42-44 grade was quoted at 3½c. to 3⅝c.

FUEL OIL.—Practically the entire market was raised 5c. a barrel with more strength coming into the low grades than has been witnessed for some time. The 5-10 gravities of zero cold test became 75c. while all others were similarly raised. The 24-28 zero cold test was raised to $1 and $1.05 a barrel, while the 15 and above was 80c. to 85c. per barrel.

LUBRICANTS.—Bright stock appeared more stabilized since the recent reductions but some irregularity broke out in the 100 and 200 grades of neutral oils. Whether this price cutting would become general was one of the fears of the week. If it persists, it was indicated that a general price revision would probably be made.

DISTILLATES. — Although quotations were unchanged, nearly all of the trading was effected at the higher range of prices. The No. 1 prime white was 3¼c. to 3⅝c. per gallon; No. 1 straw and No. 2 dark, 3⅛c. to 3¼c. per gallon, while No. 3 is 2⅞c. to 3c. per gallon.

Chicago, Oct. 29.—The tankcar gasoline market has begun to show signs of easiness in a spotty and irregular way, especially the third-grade product. A little more material was available to the market, based on offerings from various sources and districts. Consumption of gasoline, however, continued to run at exceptionally high levels for this time of year. Accordingly, refinery shipments were keeping at high levels. Kerosene was dull, but was being helped by the uncommon strength displayed by the good grades of heating products. Movement of furnace oils into the trade is extremely large. Prices were tending higher. Industrial fuel oils continued strong. The demand for low cold test lubricants has shown improvement lately.

GASOLINE.—Low octane motor, 4½c. to 4¾c. per gallon; middle octane motor, 5c. to 5⅛c.; high octane motor, 5⅝c. to 5⅝c.; 60-62, 400, 4⅝c. to 4¾c.; 64-66, 375, 4⅞c. to 5c.; 68-70, 360, 5c. to 5⅛c.

KEROSENE.—42-44, water white, 3⅝c. to 3⅝c. per gallon; 41-43, water white, 3¼c. to 3⅜c.

FURNACE OILS.—No. 1 white, 3¼c. to 3⅜c. per gallon; No. 1 straw, 3⅛c. to 3¼c.; No. 2 straw, 3⅛c. to 3¼c.; No. 2 dark, 2⅞c. to 3⅛c.; 32-36, dark, industrial gas oil, 2½c. to 2⅝c.

FUEL OILS.—No. 3, 2⅞c. to 3c. per gallon; No. 4, 95c. to $1 per barrel; No. 5, 75c. to 77½c.; No. 6, 65c. to 67½c.

New Orleans, Oct. 27.—A firm tone was evidenced in the domestic market, with quotations unchanged. Foreign inquiries and exports continued good. U. S. motor gasoline was quoted at 6c. per gallon at refinery. U. S. motor below 62 octane was quoted at 6c.; 63-67 octane at 6⅜c., and 68-70 octane at 7c.—all at refinery. Kerosene continued at 6¾c. per gallon at refinery.

The demand for Bunker C fuel oil was good at 95c. per barrel at terminal and $1 per barrel delivered alongside. This grade was also in good demand on the part of industrial plants in this vicinity at the unchanged price of $1.36 per barrel, delivered.

Oil Marketers Urge Trade Code Adoption

(Continued from page 3)

all agreements that they accept so that they may have an exact record of the instruments signed.

Assails Federal Interference

M. B. Whiting, president of the association, strongly assailed both monopoly and unwarranted government interference with affairs of the industry. In his presidential address, he referred to the investigation of oil marketing practices by the Department of Justice under way for several months at Madison, Wis., and said the industry desired from the government strict enforcement of anti-trust laws—otherwise a hands off policy from the Federal government.

President Whiting, who is head of the Whiting Oil Company, Clifton Forge, Va., decried excessive taxation, saying the Federal government already had gone far beyond reason in both taxing and spending. He said he believed oil jobbers are on their way to a condition of price independence. He advocated a simple code of fair trade practices for the industry, criticizing some efforts toward a code which are based on long and involved interpretations of simple rules, as clouding the various issues.

Subversive philosophy is at the root of the consumer cooperative movement, the convention was told by Harry Curran Wilbur, managers' consultant, of Chicago. He traced the history of the movement through various stages and charged that its support by radical organizations and individuals proved its lack of right to exist in this country. He quoted figures to show the large extent already attained by the movement in the petroleum industry and other industries.

Secretary Hadlick, in his annual report, stated the organization would oppose extension of the Connally hot oil act and the interstate oil compact act when those two expire next year. He also criticised the policy of the bureau of mines in issuing monthly forecasts of demand.

Newly elected directors of the association for the coming year are:—

C. E. Bauer, Continental Oil Company, Inc., Louisville, Ky.; Fred E. Bergfors, Quincy Oil Company, Quincy, Mass.; R. E. Breed, III, General Refining Company, Baltimore, Md.; R. J. Coughlin, Westland Oil Company, Minot, N. D.; J. E. Fenn, Orange State Oil Company, Miami, Fla; Roy R. Fisher, Argo Oil Corporation, Detroit, Mich.; Charles E. Foreman, Mid-Western Petroleum Company, Indianapolis, Ind.; W. M. Jacobson, H. K. Stahl Company, St. Paul, Minn.; Grover Keaton, Penn-Tenn Oil Company, Milan, Tenn.; Frederick D. Koehler, Jr., F. D. Koehler Company, Inc., Elm Park, S. I., N. Y.; W. R. McCain, Purity Oil Company, Springfield, Mo.; Walter H. Wingrove, Wingrove Oil Company, Sheboygan, Wis.; Stanton K. Smith, Smith Oil and Refining Company, Rockford, Ill.; Clarence Schock, Schock Independent Oil Company, Mt. Joy, Pa.; E. M. Thompson, Thompson-Wooten Oil Company, Goldsboro, N. C.; Frank R. Thompson, Anderson Petroleum Company, Anderson, S. C.; M. B. Whiting, Whiting Oil Company, Clifton Forge, Va.

Textile Chemists Discuss Synthetic Yarns, Dyeing

The New York Section of the American Association of Textile Chemists and Colorists opened its 1936-37 season with a dinner-meeting October 23 at the Swiss Chalet, Rochelle Park, N. J. George Baxter, of the Bradford Dyeing Association, Bradford, R. I., acted as chairman. He invited members of the section to attend the coming annual meeting of the parent association to be held December 4-5 at the Biltmore Hotel, Providence, R. I.

Speakers of the evening were E. H. Benzing, of the American Bemberg Corporation, and F. A. Mennerich, of the U. S. Testing Company. Mr. Benzing gave a brief history of Bemberg, the synthetic yarn made by the cuprammonia process, and the methods employed in dyeing and finishing this material. He stressed the necessity of keeping Bemberg yarns in the boil-off vat longer than other types of synthetic yarns to insure complete removal of size prior to dyeing. Mr. Mennerich presented an illustrated lecture on the examination and differentiation of the various types of synthetic yarn and natural silk by microscopy. The manner of preparing cross-sections of the yarn was demonstrated and structural differences of the fibers were shown with microphotograph projection equipment.

Bids Wanted

Acetylene:—30,000 cubic feet; U. S. Engineer Office, Manufacturers Exchange building, Kansas City, Mo.; circular 206, opening November 10.

Acids, Chemicals, Cleaners:—Supplies of, as required from February 1, 1937, to January 1, 1938; Treasury Department, Procurement Division, Bureau of Supply, Federal Warehouse, Washington; class 51, opening November 9.

Activated Carbon, Powdered:—50,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3193, opening November 16.

Aluminum Paste:—1,000 pounds; U. S. Engineer Office, Federal building, Pittsburgh; circular 149, opening November 3.

Ammonia:—Supplies of; Contracting Officer, Quartermaster Corps, St. Louis, Mo.; procurement 801-41, opening November 10.

Asphalt, Cut-Back:—11,000 gallons; State Procurement Officer, Treasury Department, Harrisburg, Pa.; procurement 6-732, opening November 2.

Asphalt Emulsion:—140,000 gallons; State Procurement Officer, Raleigh, N. C.; procurement 1166, opening November 5.

Asphalt Varnish:—1,000 gallons; General Purchasing Officer, Panama Canal, Washington; schedule 3191, opening November 5.

Baking Powder:—12,090 pounds for various deliveries, January 1 to March 31; Procurement Division, Veterans Administration, Washington; procurement 53-S, opening November 10.

Blueing: — Supplies of; Quartermaster, Plattsburg Barracks, N. Y.; procurement 678-18, opening November 14.

Blue Lead in Oil:—500 pounds; U. S. Engineer Office, Buffalo, N. Y.; procurement 25, opening November 6.

Chrome Green in Oil:—5,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3191, opening November 5.

Cleansing Powder:—Supplies of; Contracting Officer, Quartermaster Corps, St. Louis, Mo.; procurement 801-41, opening November 10.

Coaltar, Cut-Back:—14,668 gallons; State Procurement Officer, Treasury Department, Harrisburg, Pa.; procurement 6-734, opening November 3.

Coaltar Pitch:—112,000 pounds; Quartermaster, Normoyle Quartermaster Depot, San Antonio, Tex.; procurement 632-7, opening November 9.

Cold Water Paint:—4,000 pounds; Quartermaster, Fort Knox, Ky.; procurement 471-22, opening November 5.

Colors in Oil:—Supplies of; Quartermaster, West Point, N. Y.; procurement 955-46, opening November 11.

Copper Sulphate:—100,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3192, opening November 16.

Cornstarch: — Supplies of; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 626-73, opening November 6.

Diphenylamine:—2,000 pounds; Commanding Officer, Picatinny Arsenal, N. J.; circular 199, opening November 2.

Disinfectants:—2,420 gallons; Treasury Department, Procurement Division, Bureau of Supply, Federal Warehouse, Washington; procurement 896-S, opening November 2.

Drugs and Chemicals:—127 items; Commanding Officer, St. Louis Medical Depot, St. Louis, Mo.; circular 7, opening November 18.

Enamel Lacquer:—3,860 pounds, olive drab; Chemical Warfare Service, Edgewood Arsenal, Md.; circular 46, opening November 16.

Flavoring Extracts:—Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-60, opening November 4.

Supplies of: Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 626-73, opening November 6.

Fuel Oil:—Supplies of, during a 3 or 6 months period beginning January 1; Treasury Department, Procurement Division, Bureau of Supply, Federal Warehouse, Washington; for region 3, procurement 6180-FO, opening November 10; for region 2, procurement 6186-FO, opening November 12; and for region 1, procurement 6225-FO, opening November 13.

Supplies of for delivery to Norfolk and Yorktown, Va.; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 9167, opening November 10.

Fuel Oil, Diesel:—3,000 gallons; U. S. Engineer Office, First District, New York City; circular 80, opening November 5.

Gasoline:—Supplies of for region 5 during the period January 1 to March 31; Treasury Department, Procurement Division, Bureau of Supply, Federal Warehouse, Washington; procurement 6260-G, opening November 16.

Gelatin:—Supplies of; Quartermaster, Marine Corps, Washington; schedule 260, opening November 3.

Lard:—Supplies of; Contracting Officer, Fort McClellan, Ala.; procurement 533-7, opening November 20.

Supplies of for various deliveries; Quartermaster Supply Officer, Fort Mason, San Francisco; procurement 928-124, opening November 6.

Lime, Hydrated:—150,000 pounds; U. S. Engineer Office, Fort Peck, Mont.; circular 188, opening November 9.

Lithopone Paint:—2,000 gallons; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 626-80, opening November 23.

Mayonnaise:—Supplies of; Quartermaster, Marine Corps, Washington; schedule 260, opening November 3.

Supplies of; Quartermaster, Plattsburg Barracks, N. Y.; procurement 678-15, opening November 14.

Supplies of; Commanding Officer, Quartermaster Depot, Seattle, Wash.; procurement 827-17, opening November 9.

Supplies of; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 626-73, opening November 6.

Metal Conditioning Compound:—2,500 gallons for Mare Island; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 9173, opening November 13.

Mustard, Ground:—Supplies of; for various east and west coast points; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 9078, opening December 8.

Nitrocellulose Dope:—3,000 gallons, clear; 1,500 gallons pigmented; Navy Aircraft Factory, Navy Yard, Philadelphia; requisition 791 Aero, opening November 5.

Oleomargarin:—69,024 pounds for various deliveries; Procurement Division, Veterans Administration, Washington; procurement 56-S, opening November 13.

Oxygen:—60,000 cubic feet; U. S. Engineer Office, Manufacturers Exchange building, Kansas City, Mo.; circular 206, opening November 10.

(Continued on page 64)

Fertilizer Materials

Trade Continued Dull — Price Developments Few — Nitrogenous Material Higher—Sulphate of Ammonia and Nitrate of Soda Held Steady—Potash Bookings Light

Trade in fertilizer chemicals continued dull last week. Delivery orders against contracts booked earlier in the season were few and scattered. Although some producers have commenced to mix for the Spring, a greater number of producers have not started mixing as yet. The trade in the South was preparing for the Southern convention of the National Fertilizer Association, which is to open in Atlanta a week from today.

Price developments in the fertilizer materials' market last week were few and relatively unimportant. Nitrogenous material followed the course indicated a few weeks ago, and prices ran counter to the trend in other organic ammoniates. Stocks of animal by-products were scarce in several directions, but the feeders and fertilizer producers have been giving the market practically no attention and the prices did not show much strength. Tankage was higher.

Sulphate of ammonia and nitrate of soda displayed little for comment last week. The markets were in a steady position throughout and the former continues through November at current price levels with an increase slated for December-June delivery.

The potash market was also lacking in interest of the buyers. Practically all of the activity in potashes has been constituted in recent weeks by the shipments and deliveries against contracts previously booked. There have been few bookings at the lower discounts, and the domestic producers of potash salts have little to offer at this time.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Bone, raw, 4½ & 50, dom., $1 per ton.
import., 50c. per ton.
Nitrogenous material, dom., East Coast, 10c. per unit.
mid-West producing points, 15c. per unit.
Tankage, dom., Chicago, 25c. to 35c. per unit-ton.
New York, 15c. to 25c. per unit-ton.

Reduced

Bone meal, 3 & 50, import, 25c. per ton.
Fish meal, Japanese sardine, 50c. per ton.
Hoof meal, Chicago, 5c. per unit.

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of a normal of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
63.6	63.6	63.6	57.7

Market news that may have developed after this report was sent to press will be found on page 4.

Ammoniates

Nitrate of Soda.—Orders for delivery against contracts continued in light fashion last week, and there has been little new business placed during recent weeks. This commodity shared the quiet of the general market for fertilizer materials and quotations for October-June delivery were without shift. According to a Department of Commerce report from Valparaiso, Japan has arranged to produce 5,000 to 6,000 metric tons of Chilean nitrate per month for the year ending June, 1937.

Sulphate of Ammonia. — Producers' prompt or nearby needs continued light and very little ordering against contracts was reported. The market continued in a firm position at the established levels, which are slated to continue through this month. The December-June prices will be 50c. per ton higher than the present schedule. September production of the sulphate of ammonia equivalent of all forms of ammonia made from by-product coke operations totaled 61,256 tons, a decrease of 1.3 percent from the 62,047 tons produced in August, according to the Bureau of Mines. Production in September, 1935, was 44,738 tons. The estimated output for the first three-quarters of the year was 510,131 tons against 381,873 tons in the corresponding period of 1935.

Castor Pomace. — The market was without change. There have been no offerings of the foreign article during the past several weeks, and the domestic product continued at $18.50 per ton, f.o.b. producing points.

Dried Blood.—Local importers continued to name $3.50 per unit, c.i.f. ports for shipment from abroad. The domestic markets were unchanged with $3.75 per unit named both in Chicago and in New York. There were no trades reported in the local market last week. The imported product appeared stronger than domestic material because of foreign shippers' ability to sell in Europe at better prices than those obtainable here.

Fish Scrap.—Bids of $3.25 and 10c. per unit-ton for unground menhaden scrap have been refused at the Chesapeake factories, and the fishermen are now asking $3.35 to $3.50 and 10c. per unit-ton at the factories. The prices for ground meal in Baltimore remained at $47 to $48 per ton, with a leaning toward the latter figure. Fishing has been poor during the past ten days, and the season's activity may be halted soon. Japanese sardine meal was lower last week, with $40 per ton quoted for shipment from abroad, basis c.i.f., representing a decrease of 50c. per unit from the quotation of a week ago.

Nitrogenous Material.—Following a course recently indicated, this commodity moved counter to prices for other organics. As reported in the late market summary of last week's issue, the Norfolk quotation was raised 10c. per unit to the basis of $2.85 per unit, and the price asked at Chemical, Ill., was raised from $2.50 per unit to the level of $2.65 per unit. The material at Carrollsville, Wis., for shipment before the end of the year was named at $2.65 per unit, against $2.50 per unit previously. The imported product was still offered at $2.75 per unit for shipment, c.i.f. Atlantic ports, while $2.70 per unit was named for January-February shipment from abroad.

Tankage.—Domestic quotations were advanced at all market points last week. The New York market was posted at $3.75 and 10c. per unit-ton, for ground or unground, a more or less nominal position because of the lack of supplies. The fertilizer grade in Chicago was sold at $3.50 and 10c. per unit-ton, a rise of 25c. per unit-ton; feeding grade in Chicago was named at $4.10 and 10c. per unit-ton. The latter price compared with $3.75 and 10c. previously, and was more or less nominal because of the lack of trading.

Potashes

There was not much that could be reported regarding new or important developments in the market for potash salts. Shipments against contracts booked earlier in the season constituted practically all of the business done, and there has been no new business of consequence booked during the past several weeks. The best available discount at this time was a 2 percent allowance on orders placed prior to December 1 for spot delivery or for shipment on the basis of substantially equal monthly quantities from December 1 to February 28, 1937.

Phosphates

Bone products continued to attract the major share of attention in the phosphate market last week. The scarcity of supplies at certain marketing points handicapped the volume of material traded. Price trends for the week were mixed with raw bone showing additional strength and bone meal moving in an off direction. There were no new or important developments in superphosphate.

Bone Materials.—The price for 3 and 50 meal was reduced 25c. per ton for imported material. Quotations were now $24.75 per ton for 100-pound bag packing for import. The 4½ and 50 raw bone for import was raised 50c. per ton to the basis of $30.50 per ton, c.i.f. ports, and the domestic material was difficult to obtain at $32 per ton, which was $1 per ton higher than the figure quoted a week ago.

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

Superphosphate.—Quiet continued to dominate the market at local manufacturing points and in Baltimore. Some of the Baltimore sellers have been talking higher prices because of the scarcity of supply of pyrites, but so far it has been merely talk.

Sulphur and Pyrites

The omnibus bill, which provided for an increase in the sulphur severance tax in Texas from the current rate of 75c. per ton to $1.03 per ton, was passed by the conference committee, representing the upper and lower houses of the Texas Legislature, and went to the Governor of the State for signature Thursday. It was expected that the measure would become law immediately. The $1.03 per ton figure was agreed upon as representing an approximate increase of 37½ percent of the former rate of tax.

Markets at Other Centers

Atlanta, Oct. 28.—Market activity for fertilizer materials was quiet in the South. Manufactured goods were finding limited sale for small grain planting, not any greater than usual, and never of consequence in the cotton belt. Prices of fertilizer materials showed little change. Organic ammoniates continued weak.

Harvesting cotton continued to be favored with good weather and as the crop was gathered it was proving better than was estimated. At present prices of lint, sale of the crop promises fairly good purchasing power for next season's fertilizer buying.

Quotations of this market are as follows:—

SUPERPHOSPHATE.—$9.50 ton, interior producing points.
NITRATE OF SODA.—$25.50 ton, bulk, port basis.
SULPHATE OF AMMONIA.—$25.50 ton, bulk, port basis.
COTTONSEED MEAL.—$29 ton, 7 percent grade, mill points.
BLOOD.—$3.50 unit, Chicago; $3.75 ports.
FISH.—Herring meal, $3.35 and 10c., ports.

Baltimore, Oct. 29.—Business in crude fertilizer materials here remained distinctly quiet, with the past week perhaps even less eventful than previous periods have been, possibly because of the imminence of the national election. Whatever the cause, there was very little buying, and the quotations mentioned were mostly nominal. The prevailing figures ranged about as follows:—

FISH SCRAP.—While sales of this ammoniate were very small, transactions that take place now and then indicate that the price is well maintained. Some few sales have been concluded here at $3.50 and 10c. per unit, down the bay, which would make the basis Baltimore approximately $3.65 and 10c. per unit-ton. Domestic fish meal is around $48 per ton.

TANKAGE.—The ideas of sellers were around $4 per unit-ton.

BLOOD.—With small offerings there appeared to be no difficulty of holding the quotations at $4 per unit for domestic, with South American supplies at $3.40 per unit, to arrive.

SUPERPHOSPHATE.—Higher prices were talked of in this division of the crude market, the reason given being that pyrites have become scarce.

NITRATE OF SODA.—The market was firmly maintained.

GARBAGE TANKAGE.—Nothing has occurred to cause a change in the quotations of $7.75 to $8 per ton, with the movement very small.

BONE.—The prices generally named were around $27 for 4½ and 50 ground raw and $28 per ton for 3 and 50 ground steamed stocks.

Chicago, Oct. 29.—Trade in the general fertilizer materials market has been quiet and mostly featureless. The price structure showed moderate changes of an inconclusive nature, causing market observers to feel that nothing in the way of a general trend was currently under way. Offerings continue liberal and in some few cases seemed to have led to an easier tone, with prices being shaded along certain lines. Blood was in fairly steady tone. Purchases of tankage reflected a moderate interest on the part of buyers. Bone materials were showing little if any change.

BLOOD.—High grade, ground and unground, $3.90 to $4.10 per unit; unground, suitable for feeding, 10 to 12 percent, extra good, $3.90 to $4.15.

TANKAGE.—High grade, $3.25 to $3.50

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and 10c.; low grade tankage, $20 to $21, Middle West; liquid stick, $2.25 to $2.50; hoof meal, $2.75 to $2.80.

BONE MATERIALS.—Ground, steamed bone, 1¼ and 60 percent, $17 to $18; 3 and 50 percent, $19 to $21; 4½ and 50 percent, $23 to $25; grinding hoofs, pigs' toes and waste horn materials, $19 to $21; junk and hotel kitchen bones, $17 to $19; cattle jaws, skulls and knuckles, $26 to $27; pork cracklings, soft pressed, beef cracklings, soft pressed, $50 to $55; hard pressed cracklings, per unit of protein, 85c. to 90c.

San Francisco, Oct. 27.—Demand was mostly routine in the crude fertilizer materials market last week. Cheaper offerings in the organic field were noticeable at times, fish meals on one sale being noted as changing hands in the neighborhood of $34, although offerings as a rule were named at $36, a slight reduction from the previous price. Animal products were not in very brisk demand at prices recently asked and both blood and tankage were to be had a bit cheaper. Foreign superphosphate was a market factor these days, being more attractive in price than the domestic article, while the same is somewhat true of Japanese sulphate of ammonia and ammonia phosphate. Calcium nitrate found market interest.

Ruling prices were:—

NITRATE OF SODA.—100-pound bags, $28 per ton; 200-pound bags, $27.50 per ton; bulk lots quoted at $26 per ton, all ex vessel San Francisco/Oakland.

AMMONIA PHOSPHATE.—Quoted at $38 per ton, single bags; $38.50 per ton, paper-lined bags, f.o.b. cars, San Francisco, basis 16 percent N., 20 percent P.A.

SULPHATE OF AMMONIA.—Quoted at $27.50 per ton, f.o.b. cars, in 100-pound bags, San Francisco and Los Angeles harbor, and $28.50 per ton, delivered inland California points, excepting Imperial Valley and San Diego county. Latter points, $29.50. Prices good for delivery to June, 1937.

POTASH NITRATE.—100-pound bags, $33 per ton, ex vessel or warehouse, San Francisco/Oakland; 260-pound bags, $32.30; bulk lots, $31.

SUPERPHOSPHATE.—Domestic quoted at 75c. to 80c. per unit in bulk, f.o.b. San Francisco and Los Angeles harbor. Bags, 85c. to 90c. per unit. Foreign material, 67½c. to 70c. per unit in bags, c.i.f. Pacific Coast ports.

FISH MEALS.—California sardine meal quoted at $36 per ton, prompt to deferred shipment, f.o.b. cars, Monterey/San Francisco. Strictly fertilizer grade Japanese meal, Oct.-Nov. shipment from source, quoted at $36.50 per ton, c.i.f. Pacific Coast.

TANKAGE.—Local packing house tankage, ground, fertilizer grade, quoted at $3.20 and 10c. per unit-ton, f.o.b. cars, San Francisco, and $3.35 and 10c. per unit-ton, Los Angeles. Argentine, ground, nominal. Dry rendered domestic ground quoted at 90c. per unit of protein, f.o.b. cars, San Francisco. Unground, dry rendered, quoted at 80c. per unit.

BONE MEAL.—Domestic steamed bone meal quoted in range according to quality and seller from $28 to $32 per ton, delivered Pacific Coast ports. Imported, lower grade, fertilizer meal, quoted at $25.

BLOOD.—Domestic quoted at $3.50 per unit, f.o.b. cars, San Francisco, and $3.25 per unit, Los Angeles. Argentine meal quoted at $3.40 per unit, Oct.-Nov. shipment, c.i.f. Pacific Coast ports.

Balto. P.V.P.C. Hears Stark on National Work

The Baltimore Paint and Varnish Production Club inducted its new leaders into office at the October meeting:—President, Herman H. Shuger, of the Baltimore Paint & Color Works; secretary, Harry Feinberg, of the H. B. Davis Company, and treasurer, Elmer Schuler, of the White Company.

Robert C. Stark, president of the Federation of Production Clubs, was the guest speaker of the evening, and outlined the history of the national body, with special reference to the federation's associate membership in the South where no regularly chartered production clubs are located. This membership is now represented in the annual conventions, with the latest gathering attended by eighty or more men from all sections of the South. Mr. Stark also discussed the paint show, held in connection with the annual meeting, and its values.

Mr. Feinberg was chosen to deliver the club paper at the Chicago meeting.

The Owens-Illinois Glass Company, represented by E. B. Hurley, and the Foster D. Snell Corporation, represented by T. M. Miller, were admitted to membership.

Contracts Awarded

Cutback Asphalt:—7,200 gallons; award to Standard Oil Company at 6.94 cents a gallon, by the Commanding Officer, Picatinny Arsenal, N. J.; procurement 79, opened September 18.

Lard Oil, Mineral:—2,000 gallons; award to Socony-Vacuum Oil Company, at 29.75 cents a gallon, by the Commanding Officer, Watervliet Arsenal, N. Y.; procurement 1, opened July 15.

Naphthalene:—125,000 pounds; award to H. H. Rosenthal Company, at 6.62 cents a pound, by the Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 31, opened August 24.

Oxygen:—10,000 cubic feet; award to Linde Air Products Company, at 2.35 cents a cubic foot, by the Springfield Armory, Mass.; circular 40, opened September 28.

Paint, Enamel:—200 gallons; award to Lasting Products Company, at $1.83 a gallon, by the Quartermaster, C.C.C., Sparta, Wis.; circular 28, opened September 25.

Paint, Outside:—600 gallons; award to Kuhn Paint & Varnish Works, at $1.25 a gallon, by the Quartermaster, Duncan Field, Tex.; circular 807-2, opened September 9.

Paint, Red and Black Asphalt Enamel:—2,650 gallons; award to Lasting Paint Products Company, at $2,950.50, by the U. S. Engineer, Memphis, Tenn.; circular 68-F, opened September 8.

Paint, Zinc Chromate Varnish:—1,300 gallons; award to Barrett Hardware Company, at $1.74 a gallon, by the U. S. Engineer, Chicago; circular 17, opened September 25.

Soap:—Supply of; award to Oliver Finnie Company, at $1,899.78, by the U. S. Engineer, Memphis, Tenn.; circular 73, opened September 11.

Soap, Saddle:—20,000 pounds; award to Crystal Soap & Chemical Company at 8.64 cents a pound, by the Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 31, opened August 24.

Soda Thiosulphate:—33,100 pounds; award to the General Chemical Company, at from 2.82 cents to 3.67 cents a pound, by the Quartermaster, Chicago; procurement 29, opened August 21.
66,800 pounds; award to Philip A. Hunt Company, at from 2.8 cents to 3.18 cents a pound, by the Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 17, opened August 10.

White Lead:—2,000 pounds; award to Sherwin-Williams Company, at $8.49 a hundredweight, by the Quartermaster, Fort Crook, Neb.; procurement 6, opened September 25.

Comte Cressaty, Paris, France, exporter of gum arabic from Khartoum, Egypt, is in this city for consultation with his agent, Robert E. Miller, Inc., 35 Pearl street. Madame La Comtesse Cressaty accompanies her husband on his visit to the United States.

C. S. C. Offers New Anti-Freeze

The Commercial Solvents Corporation is announcing a new addition to its line of anti-freeze solutions, called "Nor'way," which it describes as an improved methanol anti-freeze with exclusive features. The company claims it is more efficient than ordinary anti-freezes, in that three quarts of "Nor'way" will do the work of four quarts of alcohol anti-freeze; that it will not damage any cooling system designed to hold water; that it prevents rust and corrosion; that it is 100 percent concentrated anti-freeze; that it contains no denatured alcohol of any sort and no water, and that it changes color if diluted, thus protecting customer and dealer alike.

Obituaries

Charles A. Packard

Charles A. Packard, western sales manager of the brush division, of the Devoe & Raynolds Company, died October 25. He was forty-six years old. Mr. Packard joined the Devoe & Raynolds Company in 1918, immediately after the World War, as a salesman in the Chicago branch. He was promoted to traveling sales manager for Chicago, and in January 1923, was made manager of the Cincinnati branch and ten years later was promoted to the position which he held at the time of his death. His home was in Evanston, Ill.

Mary Henderson McKesson, daughter of Irving and Mary Henderson McKesson, this city, died October 26. Irving McKesson is vice-president and secretary of the New York Quinine & Chemi-Works, Brooklyn.

Holland S. Reavis, oil promoter and publisher, died in his home in Lynchburg, Va., October 26. He was sixty years old. Mr. Reavis established the predecessor of what is now the *Oil and Gas Journal*. He also established the *Fuel Oil Journal*, Houston, Tex., now known as the *Oil Trade Journal*.

Shipping Information

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Imports at U.S. Ports

New York Imports

ACID, CRESLYIC—25 dms, American Cyanamid & Chem Co, Caledonia, Glasgow
100 dms, Caledonia, Glasgow
Samaria, Liverpool
NAPHTHENIC—29 bbls, Socony Vacuum Oil Co, Hansa, Hamburg

AGAR AGAR—10 bls, Kachurin Drug Co, Sonnavind, Kobe
2 cs, Nako, Kobe

ALBUMEN, BLOOD—7 cks, Morningstar, Nicol, Hansa, Hamburg
DUCK—56 cs, American Cyanamid & Chem Co, Sonnavind, Kobe
EGG, HEN—56 cs, Consumers Import Co, Hokuroku, Tientsin
56 pkgs, Hokuroku, Tientsin
112 cs, D L Moss & Co, Sonnavind, Shanghai
56 cs, J Lowe Corp, Nako, Tientsin
IMPURE—10 cks, Franklin Import & Export Co, Hansa, Hamburg

ALCOHOL—204 crtns, Frey & Horgan, Borinquen, San Juan
743 dms, C Esteva, Rosaro, Arecibo

AMMONIA, CARBONATE—10 cs, American British Chem Supplies, Caledonia, Glasgow

ANTIMONY—34 cks, Stanley Fullwood, Georgic, London
ORE—1,200 bgs, National Lead Co, American Legion, Buenos Aires
426 bgs, Philipp Bros, Santa Rita, Antofagasta
REGULUS—100 kgs, Koenigstein, Antwerp

ARTIST'S MATERIAL—3 cs, Winsor & Newton, Georgic, London

ASBESTOS—6,000 bgs, Asbestos Ltd, Examiner, Limassol

ASPHALT—614 bgs, A V Berner & Co, Oriente, Havana
340 bgs, A V Berner & Co, Seatrain Havana, Havana
112 dms, American British Chem Supplies, Havana
250 bgs, A V Berner & Co, Siboney, Havana
POWD—329 bgs, Schenker & Co, Hansa, Hamburg

BABASSU KERNELS—2,900 bgs, Franklin Baker Co, Cape Sable, Parnahyba
6,666 bgs, Franklin Baker Co, Cape Sable, Maranho

BLEACHERS TINT—5 bbls, 1 ton, 2 cwts, 2 qtrs, A De Ronde & Co, Samaria, Liverpool

BLEACHING POWDER—305 dms, H H Rosenthal & Co, Hokuroku, Osaka

BRISTLES—50 cs, H Rosenhirsch, Nako, Tientsin
55 cs, National City Bank, Hokuroku, Tientsin
40 cs, Irving Trust Co, Hokuroku, Tientsin
30 cs, Tradesmen Natl Bank, Hokuroku, Tientsin
30 cs, Philadelphia Natl Bank, Hokuroku, Tientsin
50 cs, B C Ritchie & Co, Hokuroku, Tientsin
50 cs, Manufacturers Trust Co, Hokuroku, Tientsin
6 cs, Philadelphia Natl Bank, Hokuroku, Shanghai
50 cs, F H Cone & Co, Hokuroku, Hankow
295 cs, F H Cone & Co, Hokuroku, Tientsin
7 cs, F H Cone & Co, Sonnavind, Kobe
39 cs, F W Von Stade, Sonnavind, Kobe
50 cs, Public Natl Bank, Sonnavind, Shanghai
150 cs, N Wagman Co, Sonnavind, Shanghai
25 cs, Polack & Co, Sonnavind, Kobe
30 cs, Irving Trust Co, Sonnavind, Kobe
6 cs, Continental Bank Trust Co, Georgic, London
6 cs, Georgic, Southampton
27 cs, Chesnut, Cooper & Co, Georgic, Southampton
7 cs, F H Cone & Co, Kongo, Kobe
50 cs, Star Brush Mfg Co, Kongo, Kobe
4 cs, Iwai & Co, Kongo, Kobe
150 cs, F H Cone & Co, Kongo, Kobe
61 cs, B C Ritchie & Co, Kongo, Kobe
11 cs, Globe Shipping Co, Hansa, Hamburg
4 cs, National City Bank, Dagfred, Kobe
50 cs, A Hurst & Co, Dagfred, Hankow
10 cs, F H Cone & Co, Dagfred, Shanghai
235 cs, F H Cone & Co, Dagfred, Kobe
17 cs, Corn Exchange Bank Trust Co, American Trader, London
2 cs, Rubberset Co, American Trader, London
28 cs, American Trader, London
49 cs, National City Bank, Nako, Harbin
26 cs, Philadelphia Natl Bank, Nako, Tientsin
50 cs, Public Natl Bank, Nako, Tientsin
13 cs, F H Cone & Co, Nako, Kobe
8 cs, Iwai & Co, Nako, Tientsin

CALCIUM NITRATE—589,700 kilos, Synthetic Nitrogen Product Corp, Vaga, Heroen
4,000 bgs, Synthetic Nitrogen Product Corp, Vaga, Heroen
954 bgs, Synthetic Nitrogen Product Corp, Stavangerfjord, Berlin

CAMPHOR, CRUDE—189 cs, Mitsui & Co, Hokuroku, Keelung

CANARY SEED—250 bgs, National City Bank, American Legion, Buenos Aires
249 bgs, American Legion, Buenos Aires
585 bgs, Levy & Levis Co, Examiner, Tekirdag
600 bgs, A G Dunn, Examiner, Tekirdag
450 bgs, C Gerdau Co, Examiner, Tekirdag
1,856 bgs, Examiner, Tekirdag

CAROB BEAN—225 bgs, National Bank of Greece, Examiner, Volos

CASEIN—666 bgs, Balfour, Guthrie & Co, American Legion, Buenos Aires
334 bgs, G H Hammond, American Legion, Buenos Aires
872 bgs, American Legion, Buenos Aires

CASSIA—93 pkgs, H P Winter & Co, Kota Radja, Padang
15 bls, Hokuroku, Tientsin
168 pkgs, Jacobus F Frank, Laganbank, Padang
250 cs, Royal Bank of Canada, Dagfred, Canton

VERA—84 bls, Knickerbocker Mills Co, Kota Radja, Padang

CASTOR BEANS—833 bgs, Baker Castor Oil Co, Cape Sable, Parnahyba
1,720 bgs, Spencer Kellogg & Sons, Cape Sable, Fortaleza
1,685 bgs, Cape Sable, Fortaleza
3,440 bgs, Baker Castor Oil Co, Cape Sable, Bahia
7,608 bgs, Cape Sable, Bahia
1,700 bgs, W R Grace & Co, Cape Sable, Bahia

CHALK, COMMON—1,600 bgs, R L Watkins Co, American Trader, London

PRECIPITATED—2,000 bgs, 102 tons, 4 cwt, 2 qtrs, 16 lbs, Colgate-Palmolive-Peet Co, Cavallo, Hull

CHAMOIS — 2 cs, International Mercantile Marine, President Roosevelt, Havre

CHEMICALS—102 cs, First National Bank, Hokuroku, Yokohama
6 dms, Chase National Bank, Bremen, Bremen
100 cks, Innis, Speiden & Co, President Roosevelt, Bremen
15 cks, Hummel Chem Co, President Roosevelt, Bremen
5 cs, H W Robinson, President Roosevelt, Havre
4 cs, Yardley & Co, Georgic, London
12 cs, Cune Sievers, Hansa, Hamburg
5 bbls, 4 dms, 3 cs, Hansa, Hamburg
10 cs, American Cyanamid & Chem Co, Hansa, Hamburg
3 cs, Trojon Powder, Hansa, Hamburg
13 cs, Schimmel & Co, Hansa, Hamburg
50 cs, Hansa, Hamburg
6 cs, Sherka Chem Co, Hansa, Hamburg
69 dms, 560 bgs, 762 bbls, 2 cks, Hansa, Hamburg
9 bbls, P C Kuyper & Co, Hansa, Hamburg
20 cks, Jungmann & Co, Hansa, Hamburg
56 cks, Robinson-Wagner Co, Hansa, Hamburg
75 kegs, Hummel Chem Co, Hansa, Hamburg
35 cs, Mallinckrodt Chem Works, Gripsholm, Gothenburg
10 bbls, 136 cs, 10 dms, Bergstrom Trading Co, Gripsholm, Gothenburg
14 dms, Heemsoth, Pinckes & Kerner, Gripsholm, Gothenburg
40 cs, H H Rosenthal Co, Dagfred, Yokohama
20 cks, African Metals Corp, Jean Jadot, Antwerp

CHROME ORE—2,000 tons, Electro Metallurgical Co, Dromore Castle, Beira

CINCHONA BARK—3 bls, Meyer, Lyra & Co, Santa Rita, Guayaquil

CLAY—600 bgs, W Manley, President Roosevelt, Hamburg
300 bgs, W Manley, Hansa, Hamburg

CLIFFSTONE—500 tons, Taintor Trading Co, Cavallo, Hull

COALTAR INTERMEDIATES—41 cks, General Aniline Works, Bremen, Bremen
1 dm, General Dyestuff Corp, Bremen, Bremen
2 cks, Ciba Co, Bremen, Bremen

COBALT, METAL—40 cks, Electro Metallurgical Co, Westernland, Antwerp
70 cks, 1 cs, Westernland, Antwerp
OXIDE—7 cks, Cuno Sievers, Hansa, Hamburg
SULPHATE—50 cks, Westernland, Antwerp

COCOA BEANS—100 bgs, Cape Sable, Para
3,000 bgs, Nieschlag & Co, Cape Sable, Bahia
1,000 bgs, W R Grace & Co, Cape Sable, Bahia
2,000 bgs, Wood & Selick, Cape Sable, Bahia
500 bgs, Daarnhouwer & Co, Cape Sable, Bahia
500 bgs, Ambrosia Chocolate Co, Cape Sable, Bahia
1,100 bgs, Balfour, Guthrie & Co, Cape Sable, Bahia
2,500 bgs, Rockwood & Co, Cape Sable, Bahia
7,000 bgs, Bank of London South America, Cape Sable, Bahia
100 bgs, Daarnhouwer & Co, Kota Radja, Samarang
250 bgs, American Legion, Port Spain
354 bgs, Quirigua, Cristobal
500 bgs, Fruit Dispatch Co, Quirigua, Havana
250 bgs, Cristobal, Cristobal
160 bgs, Schutte & Focke, Flora, Curacao
69 bgs, Struller & Wood, Flora, Curacao
57 bgs, Curacao Trading Co, Flora Curacao
61 bgs, Flora, Curacao
231 bgs, Flora, Porto Cabello
250 bgs, W R Grace & Co, Santa Rita, Guayaquil
25 bgs, Gillespie & Co, Santa Rita, Cristobal
275 bgs, W & A Leaman, Martinique, Jeremie
61 bgs, Transmarine Mercantile Corp, Martinique, Cape Haitien
35 bgs, W & A Leaman, Martinique, Cape Haitien

COCONUTS—53 bgs, 5,300 lbs, Simons & French, San Juan
114 bgs, 11,400 lbs, P R Fruit Exchange, Borinquen, San Juan
1,000 bgs, 100,000 lbs, I L Toledano Corp, Cristobal, Cristobal
145 bgs, 14,500 lbs, Durkee Famous Food, Lagaholm, British West Indies
1,759 bgs, 175,900 lbs, Franklin Baker Co, Pastores, Kingston
727 bgs, 72,700 lbs, A N Leakway & Co, Pastores, Kingston
411 bgs, 41,100 lbs, Universal Import & Export Co, Pastores, Kingston
100 bgs, 10,000 lbs, Universal Import & Export, Rosario, Mayaguez
93 bgs, 9,500 lbs, H Schnell, Rosario, Mayaguez
450 bgs, 45,000 lbs, Franklin Baker Co, Rosario, Mayaguez
14 bgs, 1,400 lbs, W M Church, Rosario, San Juan
722 bgs, 72,200 lbs, Franklin Baker Co, Rosario, San Juan
233 bgs, 23,300 lbs, I L Toledano Corp, Rosario, San Juan
545 bgs, 54,500 lbs, Fruit Dispatch Co, Calamares, Kingston

COLORS—2 cks, F Doherty, Ile de France, Havre

EARTH—18 cks, General Dyestuff Corp, Hansa, Hamburg

CORK—132 cs, Cork Import Co, Ile de France, Havre
WOOD—8,002 bls, Amstrong Cork Co, Examiner, Lisbon

COTTON LINTERS—203 bls, Royal Bank of Canada, Cape Sable, Pernambuco
146 bls, Cape Sable, Joao Pessoa

CRACKLINGS—1,000 bgs, H J Baker & Bros, American Legion, Buenos Aires

CRESOL, SOLID—10 kgs, Monsanto Chem Co, Samaria, Liverpool

CURICURY NUTS—1,000 bgs, National City Bank, Cape Sable, Bahia

CUTTLEFISH BONES—10 cs, Ile de France, Havre

DOGGRASS ROOT—140 bgs, President Roosevelt, Hamburg

DRUGS, CRUDE—17 cs, National Carloading Co, Hansa, Hamburg
11 bls, 10 cs, Hansa, Hamburg

DYES, ALIZARIN—15 cks, General Dyestuff Corp, Bremen, Bremen
1 ck, E I Du Pont de Nemours Co, Samaria, Liverpool

ANILIN—4 cs, 13 cks, 3 cans, General Dyestuff Corp, Bremen, Bremen
6 dms, Sandoz Chem Works, Bremen, Bremen
63 cks, 1 cs, Ciba Co, Bremen, Bremen
12 bbls, Geigy Co, Ile de France, Havre
60 cks, Carbic Color & Chem Co, Ile de France, Havre
2 dms, 1 ck, E I Du Pont de Nemours Co, Samaria, Liverpool
25 kgs, L & R Organic Co, Nako, Osaka

DYESTUFF—1 dm, National Aniline & Chem Co, Dagfred, Kobe

EGG YOLK, HEN—112 cs, Stein, Hall & Co, Hokuroku, Shanghai
224 cs, Sterling Natl Bank Trust Co, Hokuroku, Shanghai
168 cs, Stein, Hall & Co, Hokuroku, Tientsin
112 cs, Consumers Import Co, Hokuroku, Tientsin
168 cs, J Lowe Corp, Hokuroku, Tientsin
56 cs, I Grob & Co, Hokuroku, Tientsin
276 cs, A Hurst & Co, Sonnavind, Shanghai
168 cs, Stein, Hall & Co, Kongo, Kobe
112 cs, American Cyanamid & Chem Co, Kongo, Kobe
56 cs, J Pechman & Co, Kongo, Kobe
56 cs, Bridges, Neumer & Co, Kongo, Kobe
56 cs, Mitsui & Co, Nako, Tientsin
112 cs, J Lowe Corp, Nako, Tientsin
224 cs, J Lowe Corp, Nako, Tientsin

FILTER, PAPER—5 cs, H Reeve Angel & Co, Georgic, London

FLAXSEED—1,802 tons, 72,080 bu, Archer, Daniels, Midland Co, Augvald, Buenos Aires
6,028 tons, 241,120 bu, Archer, Daniels, Midland Co, Augvald, Rosario
6,339 tons, 253,560 bu, Rigel, San Nicolas-San Lorenzo

GAMBIER—160 bgs, Chase National Bank, Steel Inventor, Singapore
228 bgs, E E Androvette, Laganbank, Singapore
220 bgs, Laganbank, Singapore

GELATIN—140 bgs, President Roosevelt, Havre
25 bgs, T M Duche & Sons, Westernland, Antwerp
100 bgs, American Trader, Havre

GENTIAN ROOT—269 bls, Giulia, Fiume

GLASS, PLATE—2 cs, Charles Happel, Hansa, Hamburg
95 cs, Globe Shipping Co, Hansa, Hamburg
12 cs, Brown Bros-Harriman Co, Jean Jadot, Antwerp

WINDOW—100 cs, S G Cole, Koenigstein, Antwerp
27 cs, Koenigstein, Antwerp
2 cs, Semon, Bache & Co, President Roosevelt, Hamburg
21 cs, Westernland, Antwerp

GLUE—35 cs, International Selling Corp, Koenigstein, Antwerp
92 bgs, T M Duche & Sons, Koenigstein, Antwerp
200 bgs, President Roosevelt, Hamburg
1 keg, Kupper Bros, Georgic, London
320 bgs, Hansa, Hamburg
30 bls, International Selling Corp, Ile de France, Havre
5 bls, 66 bbls, International Selling Corp, Westernland, Antwerp
28 bgs, T M Duche & Sons, Westernland, Antwerp

GLYCERIN—64 dms, Koenigstein, Antwerp
40 dms, Armour Soap Works, Cavallo, Hull

GRAPHITE—77 bgs, Ile de France, Havre

GUM, ARABIC—550 bgs, Irisbank, Port Sudan

COPAL—420 bgs, Koenigstein, Antwerp
68 bgs, 128 baskets, Kota Radja, Macassar
235 baskets, Chase National Bank, Kota Radja, Macassar
70 bgs, Chase National Bank, Steel Inventor, Singapore
100 bgs, Thurston & Braidich, Jean Jadot, Antwerp
300 bgs, Gillespie-Rogers-Pyatt Co, Jean Jadot, Antwerp
100 bgs, American Cyanamid & Chem Co, Jean Jadot, Antwerp
40 bgs, France, Campbell & Darling, Jean Jadot, Antwerp

DAMMAR—100 cs, Manufacturers' Trust Co, Kota Radja, Samarang
100 cs, Kota Radja, Samarang
50 cs, Chase National Bank, Steel Inventor, Singapore
50 cs, 70 bgs, O G Innes Corp, Steel Inventor, Singapore
500 cs, 650 bgs, Thurston & Braidich, Laganbank, Batavia
420 bgs, France, Campbell & Darling, Laganbank, Singapore
56 bgs, J Meyer & Sons, Laganbank, Singapore

GUAIAC—70 cs, Mecke & Co, Borinquen, Trujillo

KAURI—134 bgs, Samaria, Liverpool

MYRRH—6 cs, Maine, Aden

TRAGACANTH — 8 cs, Frank Vliet Co, Georgic, London
5 cs, Frank Vliet Co, American Trader, London

GYPSUM, CRUDE—4,550 tons, U S Gypsum Co, Gypsum Empress, Windsor
204 bgs, L A Salomon & Bros, Samaria, Liverpool

ROCK—3,450 tons, National Gypsum Co, St Therese, Cheticamp
2,200 tons, National Gypsum Co, Keret, Dingwall

HERBS, MEDICINAL—48 bls, Giulia, Fiume
1 cs, McKesson & Robbins, Georgic, London
3 bls, R D Hines, Hansa, Hamburg
14 cs, National Carloading Co, Hansa, Hamburg
5 bgs, Knickerbocker Mills Co, Hansa, Hamburg
44 bls, Schenker & Co, Hansa, Hamburg
36 bls, Peek & Velsor, Westernland, Antwerp

HOOFS—1,206 bgs, Geck Trading Comm Co, Seatrain Havana, Havana

HOPS—41 bls, S S Stiner & Co, Bremen, Bremen
40 bgs, Bode & Voigt, President Roosevelt, Hamburg
5 bls, Atlantic Forwarding Co, President Roosevelt, Hamburg
50 bls, Heemsoth, Pinckes & Kerner, President Roosevelt, Hamburg
50 bls, Globe Shipping Co, President Roosevelt, Hamburg
45 bls, R F Downing & Co, President Roosevelt, Hamburg
100 bls, President Roosevelt, Hamburg
12 bls, President Roosevelt, Czechoslovakia
156 bls, Bode & Voigt, Hansa, Hamburg
32 bls, P H Petry & Co, Hansa, Hamburg
5 bls, Atlantic Forwarding Co, Hansa, Hamburg
5 bls, Hugo V. Loewi, Hansa, Hamburg
20 bls, W J Honan, Hansa, Hamburg
50 bls, J D Smith & Co, Hansa, Hamburg

HOPS—20 bls, R F Downing & C, Hansa, Hamburg
552 bls, S S Steiner, Hansa, Hamburg
50 bls, Hansa, Hamburg

IRON ORE—7,293 tons, Leonard J Buck, Ingerseks, Narvik
99 bgs, 11 dms, Reichard, Coulston, Samaria, Liverpool

OXIDE—21 cks, President Roosevelt, Southampton
35 cks, J Lee Smith & Co, Cavallo, Hull
30 cks, J A McNulty, Samaria, Liverpool
5 cks, J Lee Smith & Co, Samaria, Liverpool

LAUREL LEAVES—177 bls, Bank of Athens, Examiner, Volos

LOCUST BEAN MEAL—16 bgs, 2,200 lbs, W M Allison & Co, Examiner, Alexandretta

LINALYL ACETATE—11 dms, Norda Essential Oil & Chem Co, Nako, Kobe

MACE—32 cs, Catz American Co, Kota Radja, Macassar
16 cs, Kota Radja, Macassar
10 cs, Catz American Co, Kota Radja, Banda
42 cs, C T Wilson & Co, Kota Radja, Samarang

MAGNESIA CARBONATE—150 bgs, 50 cks, Schofield-Donald Co, Samaria, Liverpool
200 bgs, Innis, Speiden & Co, Samaria, Liverpool

MAGNESITE — 10 bgs, Mitsubishi- Shoji-Kaisha, Nako, Dairen

GRAIN—120 bgs, Irisbank, Madras

LUMP—1,080 bgs, Irisbank, Madras

MANGANESE ORE—560 tons, C Gitland & Co, Dagfred, Iloilo

POWD—6 pkgs, Nako, Hongkong

MANGROVE BARK EXTRACT—2,000 bgs, Laganbank, Singapore

MANIOC MEAL—1,000 bgs, Cape Sable, Parnahyba
1 bg, Sino Java Hvg, Kota Radja, Samarang

MARJORAM LEAVES—48 bgs, J Victori & Co, Borinquen, Trujillo

MATCHES, SAFETY—3,010 conts, 10 cs, New York Match Co, Gripsholm, Gothenburg

MEDICINAL PREPS—4 cs, Burroughs, Wellcome & Co, Georgic, London
6 ctns, G J Fajardo, Borinquen, San Juan
7 cs, E Fougera & Co, Ile de France, Havre
5 cs, G J Wallau, Ile de France, Havre
5 cs, Anglo French Lab, Ile de France, Havre

MENTHOL—25 cs, C L Huisking & Co, Sonnavind, Kobe
10 cs, Corn Exchange Bank, Dagfred, Shanghai

MICA—72 cs, American Legion, Buenos Aires
40 cs, O Gerdau Co, American Legion, Rio Janeiro
13 cs, First Natl Bank, American Legion, Rio Janeiro
24 cs, J Block & Co, American Trader, London
4 cs, American Trader, London
1 cs, A J Bracher & Co, American Trader, London

BLOCK—39 cs, Maine, Calcutta
20 cs, Soeldners, Heyman Co, American Trader, London

SPLITTINGS—40 cs, American Trader, London

MINERAL, WHITE—400 bgs, C B Chrystal & Co, Cavallo, Hull
440 bgs, Hammill & Gillespie, Cavallo, Hull

MUSTARD SEED—448 bgs, Corn Exchange, Bank Trust Co, Nako, Tientsin

NUTGALLS—420 bgs, J H Lowenstein & Son, Sonnavind, Shanghai
100 bgs, Monahan Chem Co, Sonnavind, Kobe
25 bgs, Guaranty Trust Co, Examiner, Alexandretta

NUTMEGS—13 cs, B H Old & Co, Sonnavind, Kobe
200 bgs, Lagaholm, British West Indies

NUX VOMICA—445 bgs, Companie General Transatlantique, Sonnavind, Kobe
1,429 pockets, Myrmidon, Cochin

OCHER—200 bgs, Irisbank, Calcutta

OIL—9 cs, R J Prentiss & Co, Stavangerfjord, Bergen
CAMPHOR—50 dms, Norda Essential Oil & Chemical Co, Kongo, Keelung
50 dms, Orbis Product Trading Co, Dagfred, Kobe
125 dms, Dodge & Olcott Co, Dagfred, Kobe
25 dms, Fritzsche Bros, Nako, Kobe
50 dms, Givaudan Delawanna, Nako, Yokohama
10 dms, Nako, Yokohama

CASSIA—20 dms, Gingham & Co, Dagfred, Canton

CHINAWOOD—500 tons, S L Jones & Co, Hokuroku, Hankow
106 dms, Murray Oil Prod Co, Sonnavind, Shanghai
150 dms, W R Grace & Co, Sonnavind, Kobe
55 dms, Fuerst Bros, Sonnavind, Shanghai
625 tons, W R Grace & Co, Nako, Shanghai

CITRONELLA—10 dms, Irisbank, Port Said
4 dms, Kota Radja, Cheribon
20 dms, Catz American Co, Steel Inventor, Batavia
8 dms, Catz American Co, Laganbank, Batavia

COCONUT—450 tons, Wecoline Product, Inc, Laganbank, Manila
400 tons, Procter & Gamble Co, Kongo, Manila
6 cs, I L Toledano Corp, Calamares, Kingston

COD — 300 cks, 60 dms, Stavangerfjord, Bergen
364 dms, Cavallo, Hull

CODLIVER—20 bbls, Rockerfeller Foundation, Fort Amherst, St Johns
75 cs, Schieffelin & Co, Stavangerfjord, Oslo
50 dms, Kachurin Drug Co, Stavangerfjord, Oslo
250 bbls, Stavangerfjord, Kristiansund
50 dms, Gunning & Gunning, Stavangerfjord, Kristiansund
50 bbls, Schieffelin & Co, Stavangerfjord, Kristiansund
25 bbls, E M Javitz & Son, Stavangerfjord, Bergen
300 dms, 50 cs, 50 bbls, C L Huisking & Co, Stavangerfjord, Bergen
25 dms, Stavangerfjord, Bergen
40 dms, C L C Smith & Co, Stavangerfjord, Bergen
200 dms, McKesson & Robbins, Stavangerfjord, Bergen
75 dms, R J Prentiss & Co, Stavangerfjord, Bergen
425 dms, Stavangerfjord, Reykjavik
750 dms, Guaranty Trust Co, Cavallo, Hull
677 dms, Consumers Import Co, Cavallo, Hull

CORN—204 dms, Koeningstein, Antwerp
133 dms, Corn Product Refg Co, Koenigstein, Antwerp
250 dms, Corn Product Refg Co, Hansa, Hamburg

OIL, CORN—180 dms, Corn Product Refg Co, Caledonia, Glasgow
203 dms, Westernland, Antwerp
COTTONSEED—283 dms, Cape Sable, Joao Pessoa
65 dms, Bank of Greece, Giulia, Piraeus
CREOSOTE—1 dm, Koppers Product Co, Georgic, Southampton
CROTON—3 cs, Dodge & Olcott Co, Georgic, London
ESSENTIAL—11 cs, 1 can, Bremen, Bremen
3 cs, President Roosevelt, Havre
2 cs, Georgic, London
2 cs, Hansa, Hamburg
91 cs, Ile de France, Havre
3 cs, Aquitania, Southampton
EUCALYPTUS—12 dms, Norda Essential Oil & Chemical Co, Dagfred, Kobe
10 dms, C Frischbeck Co, Dagfred, Kobe
10 dms, Magnus, Mabee & Reynard, Nako, Kobe
FISH—8 dms, S Emery, Nako, Yokohama
FUEL—95,000 bbls, Standard Oil Co of N J, William G Warden, Aruba
59,000 bbls, Asiatic Petroleum Corp, San Tiburcio, Tampico
69,029 bbls, Standard Oil Co of N J, Vinga, Aruba
32,600 bbls, Standard Oil Co of N J, Harry G Siedel, Aruba
HO—28 dms, Norda Essential Oil & Chem Co, Dagfred, Kobe
LEMON—1 cs, Yardley & Co, Georgic, London
LEMONGRASS — 23 dms, Volkart Bros, Myrmidon, Cochin
4 dms, Myrmidon, Cochin
LIME—3 cs, Fritzsche Bros, American Legion, Fort Spain
10 cs, 1 dm, Dodge & Olcott Co, American Legion, Fort Spain
9 cs, Lagaholm, British West Indies
MINERAL—30 dms, Hansa, Hamburg
OITICICA—145 dms, Cape Sable, Fortaleza
34 pkgs, American Legion, Rio de Janeiro
OLIVE—10 dms, C Delanis, American Legion, Buenos Aires
100 dms, Bank of Athens, Examiner, Volos
103 bbls, 1,975 cs, 103 dms, Examiner, Lisbon
50 dms, Leghorn Trading Co, Giulia, Canes
25 dms, Bank of Greece, Giulia, Mitylene
25 dms, Bank of Greece, Giulia, Corfu
50 bbls, Leghorn Trading Co, Giulia, Corfu
ORANGE—8 cs, Gals T German, Pastores, Kingston
20 cs, Geo Uhe Co, Pastores, Kingston
30 cs, Magnus, Mabee & Reynard, Calamares, Kingston
PALM—826 tons, Van Leeuwen Boomkamp, Kota Radja, Belawan Deli
650 tons, Banque Pour Belge l'Etranger, Kota Radja, Belawan Deli
503 dms, Balfour, Guthrie & Co, Cavallo, Hull
987 tons, Banque Belge Pour l'Etranger, Laganbank, Belawan Deli
55 dms, Welch, Holme & Clark, Samaria, Liverpool
PEANUT—322 tons, Mitsubishi-Shoji-Kaisha, Nako, Taingtao
PIMENTO LEAF—1 dm, 2 cs, President Roosevelt, London
1 dm, Pastores, Kingston
PINENEEDLE—22 dms, Atlantic White Sea & Baltic Co, Georgic, London
RESIDUE—9 cs, J E Bernard & Co, Hansa, Hamburg
ROSEWOOD—1 dm, Yardley & Co, Georgic, London
SASSAFRAS—25 dms, Orbis Product Trading Co, Dagfred, Kobe
23 dms, Ungerer & Co, Nako, Kobe
SEAL—1 cs, Bowring & Co, Fort Amherst, St Johns
SESAME—1 cs, J H Redding, Hansa, Hamburg
SOYBEAN — 200 tons, Mitsubishi-Shoji-Kaisha, Hokuroku, Dairen
TEASEED—200 dms, W R Grace & Co, Hohuroku, Changsha
100 dms, Hokuroku, Canton
68 dms, E M Sergeant Pulp & Chem Co, Sonnavind, Shanghai
TURKEY, RED—110 dms, Wedemann, Godknecht & Lally, Hansa, Hamburg
VEGETABLE—200 dms, Bank of Manhattan, Hokuroku, Hongkong
VETIVER—1 dm, Kota Radja, Samarang
ORANGE PEEL—25 bgs, Struller & Wood, Flora, Curacao
PAINT MATERIAL—7 crts, Schenker & Co, Hansa, Hamburg
PAPAIN—20 cs, Central Hanover Bank Trust Co. Georgic, London
PAPRIKA—30 bgs, H Schoenfeld & Son, President Roosevelt, Hamburg
25 bgs, Hansa, Hamburg
45 bgs, 17 cs, H Schoenfeld & Sons, Hansa, Hamburg
20 bgs, Barclay Bank, Hansa, Hamburg
25 bgs, Schenker & Co, Hansa, Hamburg
75 bgs, Hansa, Hamburg
32 bgs, National Carloading Co, Hansa, Hamburg
PEATMOSS—900 bls, President Roosevelt, Bremen
550 bls, Hansa, Hamburg
PEPPER, BLACK—2,663 bgs, Kota Radja, Oosthaven
PEPPER, BLACK—1,701 bgs, B H Old & Co, Laganbank, Oosthaven
1,053 bgs, Laganbank, Batavia
1,377 bgs, Royal Bank of Canada, Laganbank, Oosthaven
2,674 bgs, Laganbank, Oosthaven
RED—100 bgs, Knickerbocker Mills Co, President Roosevelt, Hamburg
WHITE—243 bgs, Kota Radja, Batavia
648 bgs, Laganbank, Batavia
83 bgs, Laganbank, Pangkal Balam
PETROLEUM, CRUDE—66,000 bbls, Standard Oil Co of N J, Paul H Harwood, Aruba
85,100 bbls, Standard Oil Co of N J, Harry G Siedel, Aruba
PLASTER, ROCK—2,225 tons, Newark Plaster Co, Siredal, Hillsboro
POPPYSEED—100 bgs, President Roosevelt, Hamburg
200 bgs, Hansa, Hamburg
POTASH, CAUSTIC — 100 dms, American Cyanamid & Chem Co, Hansa, Hamburg
CHLORATE—1,000 dms, 50 cks, Uniform Chem Prod Co, Sydfold, Hamburg
200 kegs, E I du Pont de Nemours Co, Gripsholm, Gothenburg
180 bbls, 117 dms, Charles Hardy, Jean Jadot, Antwerp
PRUSSIATE—50 bbls, American Cyanamid & Chem Co, Hansa, Hamburg
407 cs, Nako, Yokohama
SALT—20 cks, P H Petry & Co, American Trader, London
PYRETHRUM FLOWERS—300 bls, McKesson & Robbins, Hokuroku, Kobe
75 bls, S B Penick & Co, Sonnavind, Kobe
QUASSIA CHIPS—53 bgs, Peck & Velsor, Pastores, Kingston
QUEBRACHO EXTRACT—2,050 bgs, International Product Corp, American Legion, Buenos Aires
500 bgs, R J Vogel Co, American Legion, Buenos Aires
QUICKSILVER — 35 flasks, Chase National Bank, Siboney, Vera Cruz
QUINCE SEED—18 bgs, S B Penick & Co, American Trader, London
ROOT, MEDICINAL—1 bl, R D Hines, Hansa, Hamburg
ROSE LEAVES, POWD—1 ck, Yardley & Co, Georgic, London
SAFROL—10 dms, Fritzsche Bros, Nako, Kobe
5 dms, C Fischbeck & Co, Nako, Kobe
SAGO FLOUR — 1,600 bgs, Chase National Bank, Hokuroku, Tientsin
1,600 bgs, Chase National Bank, Steel Inventor, Singapore
292 bgs, Steel Inventor, Singapore
734 bgs, Stein, Hall & Co, Laganbank, Singapore
SARDINE MEAL—2,000 bgs, Wessel, Duval & Co, Kongo, Kobe
2,500 bgs, Mutsubishi Shoji Kaisha, Kongo, Kobe
SARSAPARILLA ROOT—10 bls, J L Hopkins & Co, Cauto, Tampico
SCHEELITE ORE—1,773 bgs, McAllister & Co, Steel Inventor, Penang
SEED, MEDICINAL—34 bgs, R D Hines, Hansa, Hamburg
SENNA LEAVES—6 cs, S B Penick & Co, Irisbank, Calcutta
35 bls, J L Hopkins & Co, Irisbank, Calcutta
SHELLAC—200 bgs, 100 cs, E E Androvette, Irisbank, Calcutta
355 bgs, Argenti & Co, Irisbank, Calcutta
200 bgs, A Hurst & Co, Irisbank, Calcutta
275 bgs, Wm Zinsser & Co, Irisbank, Calcutta
75 bgs, 25 cs, Guaranty Trust Co, Irisbank, Calcutta
100 bgs, Phillips & Rowe, Georgic, London
20 bgs, 20 cs, A Hurst & Co, Hansa, Hamburg
25 bgs, Argenti & Co, Hansa, Hamburg
150 bgs, Montrose Corp, Irisbank, Calcutta
GARNET LAC—100 bgs, Wm Zinsser & Co, Irisbank, Calcutta
SEEDLAC—300 bgs, Gillespie, Rogers, Pyatt & Co, Irisbank, Calcutta
500 bgs, Montrose Corp, Irisbank, Calcutta
300 bgs, Chase Nati Bank, Irisbank, Calcutta
100 bgs, Brown Bros Harriman Co, Irisbank, Calcutta
500 bgs, Guaranty Trust Co, Irisbank, Calcutta
100 bgs, Argenti & Co, Irisbank, Calcutta
100 bgs, Corn Exchange Bank Trust Co, Irisbank, Calcutta
200 bgs, Irisbank, Calcutta
750 bgs, Alfred Kramer & Co, Maine, Calcutta
SOAP BARK—370 bls, Duncan Fox & Co, Paula, Valparaiso
SOAP—1 cs, Yardley & Co, Georgic, London
MILLINGS—45 cs, Yardley & Co, Georgic, London
SADDLE—70 cs, Solomon & Phillips, American Trader, London
STEARIC ACID—8 cs, Yardley & Co, Georgic, London
TOILET—9 cs, R F Downing & Co, Aquitania, Southampton
3 cs, American Express Co, American Trader, London
SODA AZIDE—12 bbls, 1,478 lbs, E I Du Pont de Nemours Co, Hansa, Hamburg
BISULPHATE—1 pkg, African Metals Corp, Westernland, Antwerp
CRYSTALS—20 cks, Koenigstein, Antwerp
HYDROSULPHITE—50 dms, Hansa, Hamburg
PRUSSIATE—407 cs, H H Rosenthal & Co, Hokuroku, Osaka
SILICOFLUORIDE—100 bgs, Royal Bank of Canada, Giulia, Venice
400 cs, Mitsubishi Shoji Kaisha, Dagfred, Kobe
SULPHATE—1,903 bgs, Advance Solvents & Chemical Co, Koenigstein, Antwerp
SOLVENTS—98 dms, C P Chemical Solvents, Inc, Ponce, San Juan
SPONGES—2 bls, American Sponge & Chamois Co, Siboney, Havana
14 bls, Munargo, Nassau
1 bl, American Express Co, Munargo, Nassau
REFUSE—31 bls, Munargo, Nassau
6 bls, American Express Co, Munargo, Nassau
80 bls, Johns-Manville Corp, Munargo, Nassau
STARCH, RICE—50 bbls, Jean Jadot, Antwerp
112 bbls, Stein, Hall & Co, Jean Jadot, Antwerp
SOLUBLE—30 cks, Caledonia, Glasgow
STEARIN, PITCH—122 dms, A V Berner & Co, Cavallo, Hull
STRAMONIUM LEAVES—16 bls, J L Hopkins & Co, Hansa, Hamburg
SUMAC—15 bgs, Examiner, Alexandretta
TALC—650 bgs, Stavangerfjord, Bergen
2,000 bgs, East Asiatic Co, Sonnavind, Shanghai
500 bgs, Whittaker, Clark & Daniels, Dagfred, Kobe
TANKAGE—1,616 bgs, Chase National Bank, American Legion, Montevideo
TAPIOCA, FLAKE—514 bgs, Stein, Hall & Co, Kota Radja, Sourabaya
FLOUR—500 bgs, H P Winter & Co, Laganbank, Batavia
490 bgs, Morningstar-Nicol, Laganbank, Batavia
671 bgs, Stein, Hall & Co, Kota Radja, Sourabaya
535 bgs, Balfour, Guthrie & Co, Kota Radja, Batavia
1,049 bgs, H P Winter & Co, Kota Radja, Cheribon
200 bgs, Morningstar-Nicol, Kota Radja, Cheribon
2,300 bgs, Kota Radja, Tegal
500 bgs, Catz American Co, Steel Inventor, Batavia
2,201 bgs, Stein, Hall & Co, Steel Inventor, Batavia
276 bgs, Java American Export Co, Steel Inventor, Pascoreoan
1,103 bgs, National Adhesive Corp, Steel Inventor, Pascoreoan
1,103 bgs, Manufacturers Trust Co, Laganbank, Pascoreoan
552 bgs, Morningstar-Nicol, Laganbank, Pascoreoan
2 cs, Java American Export Co, Laganbank, Pascoreoan
1,378 bgs, Chase National Bank, Laganbank, Pascoreoan
897 bgs, National Adhesive Corp, Laganbank, Pascoreoan
500 bgs, Java American Export Co, Laganbank, Sourabaya
700 bgs, H P Winter & Co, Laganbank, Sourabaya
500 bgs, Bank of Manhattan, Laganbank, Cheribon
500 bgs, H P Winter & Co, Laganbank, Cheribon
2,004 bgs, Stein, Hall & Co, Laganbank, Cheribon
250 bgs, Manufacturers Trust Co, Laganbank, Cheribon
1,500 bgs, Philadelphia National Bank, Laganbank, Cheribon
500 bgs, Laganbank, Cheribon
1,070 bgs, Balfour, Guthrie & Co, Laganbank, Pamanoekan
1,153 bgs, Stein, Hall & Co, Laganbank, Batavia
1,012 bgs, Laganbank, Batavia
PEARL—562 bgs, Stein, Hall & Co, Kota Radja, Sourabaya
SEEDS—100 bgs, H P Winter & Co, Kota Radja, Cheribon
SWEEPINGS—266 bgs, Stein, Hall & Co, Kota Radja, Sourabaya
TEAWASTE — 1,083 bgs, Maywood Chem Works, Maine, Calcutta
TIMBO, POWD—407 cs, Brown Bros, Harriman Co, Cape Sable, Para
40 cs, Cape Sable, Para
TONKA BEANS—58 bbls, Irving Trust Co, Cape Sable, Para
19 bbls, Guaranty Trust Co, Cape Sable, Para
11 bbls, National City Bank, Cape Sable, Para
20 cks, 1 kg, American Tobacco Co, Lagaholm, British West Indies
22 cks, Lagaholm, British West Indies
URANIUM OXIDE—50 bbls, Koenigstein, Antwerp
VALERIAN ROOT—20 bgs, Peek & Velsor, Westernland, Antwerp
VANILLA BEANS—4 cs, Catz American Co, Kota Radja, Cheribon
24 cs, M Cortizas Co, Siboney, Vera Cruz
25 cs, New York & Cuba Mail S S Co, Siboney, Vera Cruz
WATER, MINERAL—140 cs, Universal Carloading & Distr Co, President Roosevelt, Havre
450 cs, French Vichy, Inc, President Roosevelt, Havre
200 cs, D F Young, American Trader, London
WAX, BEES—42 bgs, Schutte & Focke, Borinquen, Trujillo
25 bgs, Lenape Trading Co, Borinquen, Trujillo
11 bgs, Mecke & Co, Borinquen, Trujillo
9 bgs, Curacao Trading Co, Borinquen, Trujillo
21 bgs, Siboney, Havana
12 pkgs, D Steengrafe, Ponce, San Juan
18 bgs, Schutte & Focke, Ponce, Sanchez
69 bgs, Cauto, Tampico
CANDELILLA—228 bgs, M Argueso & Co, Cauto, Tampico
CARNAUBA—426 bgs, Strohmeyer & Arpe Co, Cape Sable, Para
125 bgs, W R Grace & Co, Cape Sable, Para
63 bgs, Strahl & Pitsch, Cape Sable, Para
163 bgs, Bank of London-South America, Cape Sable, Para
63 bgs, W M Allison & Co, Cape Sable, Para
165 bgs, Smith & Nichols, Cape Sable, Fortaleza
32 bgs, American Cyanamid & Chem Co, Cape Sable, Fortaleza
55 bgs, Innis, Speiden & Co, Cape Sable, Fortaleza
22 bgs, Strohmeyer & Arpe Co, Cape Sable, Fortaleza
169 bgs, W M Allison & Co, Cape Sable, Fortaleza
168 bgs, Cape Sable, Fortaleza
MONTAN—750 bgs, Strohmeyer & Arpe Co, Hansa, Hamburg
OZOKERITE—21 bgs, Heemsoth, Pinckes & Kerner, Hansa, Hamburg
30 bgs, Hansa, Hamburg
VEGETABLE—250 cs, Cape Sable, Para
20 bgs, A Hurst & Co, Georgic, London
WHITING—2,000 bgs, Manufacturers' Trust Co, Jean Jadot, Antwerp
WITHERITE—500 bgs, Cavallo, Hull
WOODFLOUR—400 bgs, Burnet & Co, Stavangerfjord, Fredrikstad
YEAST—100 bbls, Vulkan Yeast Co, Hansa, Hamburg
50 bbls, 10 kegs, Hansa, Hamburg
SULPHATE—21 cks Hansa, Hamburg
6 cs, S Frankel, American Trader, London
ZINC, OXIDE—25 bbls, Philipp Bros, Koenigstein, Antwerp
22 cks, Cavallo, Newcastle-on Tyne
6 cs, Yardley & Co, Georgic, London

New York Transit Imports

ANNATO SEED—25 bgs, Long Chem Co, Pastores, Kingston, Chicago
BLUE, ULTRAMARINE—212 cks, Standard Ultramarine Co, Cavallo, Hull, Huntington, W Va
BRISTLES—5 cs, H Rosenhirsh & Co, Dagfred, Kobe, Providence
GLASS, WINDOW—600 cs, Eastman Kodak Co, Westernland, Antwerp, Rochester
MENTHOL—25 cs, McKesson & Robbins, Sonnavind, Kobe, Bridgeport
OIL, CODLIVER—458 dms, Gunning & Gunning, Stavangerfjord, Oslo, Milwaukee
75 dms, Stavangerfjord, Bergen, Chicago
75 dms, Stavanferfjord, Bergen, Detroit
PAPAIN—159 cs, Carter, Cummings & Co, Laganbank, Colombo, Buffalo
PYRETHRUM FLOWERS—125 bls, McKesson & Robbins, Sonnavind, Kobe, Bridgeport
SPONGES—84 bls, Oriente, Havana, Havre
27 bls, Oriente, Havana, Paris
44 bls, Siboney, Havana, Paris
8 bls, Siboney, Havana, Chicago
3 bls, Munargo, Nassau, Stockholm
9 bls, Munargo, Nassau, London
4 bls, Munargo, Nassau, Rotterdam
REFUSE—14 bls, Munargo, Nassau, Stockholm
5 bls, Munargo, Nassau, Kobe
13 bls, Munargo, Nassau, London

Baltimore Imports

ANTIMONY OXIDE—259 cs, Nankai, Hankow
BONEMEAL—3,300 bgs, Hamein (ex Roland), Rosario
CALCIUM SILICIDE—62 bbls, Electro Metallurgical Co, Taurus, Sauda
CHARCOAL, ACTIVATED—850 bgs, Bull Insular Line, Black Heron, Rotterdam
CHEMICALS—69 cks, Advance Solvents & Chemical Co, Taurus, Heroen
53 cks, Advance Solvents & Chemical Co, Black Heron, Rotterdam
1,000 bgs, African Metals Corp, Black Heron, Antwerp
25 bbls, Innis, Speiden & Co, Black Heron, Antwerp
700 bgs, City of Baltimore, Bremen
10 cs, Baltimore & Ohio R R Co, City of Baltimore, Bremen
CLAY—120 cks, City of Baltimore, Bremen
REFRACTORY—750 bgs, Black Heron, Antwerp
CRYOLITE, SYN—138 cks, Ingria, Marseilles
CUTTLEFISH BONE—50 cs, Ingria, Marseilles
DRUGS, CRUDE—20 bgs, City of Baltimore, Hamburg
ETHYL CELLULOSE—1 ck, Black Heron, Rotterdam
FERROMANGANESE—849 tons, Electro Metallurgical Co, Taurus, Sauda
400 cs, Nankai, Yokohama
FERTILIZER—454 bgs, City of Baltimore, Bremen
LEATHER WASTE—146 bgs, Waukegan, London
HOOF MEAL—500 bgs, The Angeles, Buenos Aires
IRON ORE—11,000 tons, Bethlehem Steel Co, Santore, Daiquiri
OXIDE—2 cks, E M & F Waldo, Lehigh, Liverpool
PIG—150 tons, Rogers, Brown Lavino Co, Taurus, Bergen
30 tons, Bockenheim, Gefle
PYRITES—5,503 tons, Kingsland, Huelva
5,059 tons, Baron Graham, Huelva
LICORICE ROOT—12,987 bls, Tiflis, Novorossisk
MANGANESE ORE—1,500 tons, City of Auckland, Calcutta
7,400 tons, Amtorg Trading Corp, Tiflis, Poti
MYROBALAN EXTRACT—325 bgs, Waukegan, Hull
OIL, CODLIVER—35 dms, 6 bbls, City of Baltimore, Hamburg
FUEL—92,982 bbls, Standard Oil Co N J, Storanger, Aruba
LUBRICATING—100 dms, Black Heron, Antwerp
PEATMOSS—530 bls, City of Baltimore, Bremen
PETROLEUM, CRUDE—58,000 bbls, Standard Oil Co N J, Mantilla, Las Piedras
PHOSPHATE, PRECIPITATED—290 bgs, H J Baker & Bros, Black Heron, Antwerp
QUEBRACHO EXTRACT—5,919 bgs, The Angeles, Buenos Aires
5,289 bgs, Tannin Corp, The Angeles, Buenos Aires
SALTPETER—1,234 bgs, Waukegan, Hamburg
SAND, FURNACE—800 bgs, Black Heron, Rotterdam
SEAWEED, DRIED—11 bgs, Lehigh, Liverpool
TALC—2,025 bgs, Collamer, Bordeaux
TANKAGE—392 bgs, The Angeles, Buenos Aires
TIN POWDER—8 cs, Baltimore & Ohio R R Co, City of Baltimore, Hamburg

Boston Imports

AGARIC, DRIED—1 cs, Sue Shang, President Monroe, Hongkong for Montreal
AMMONIA PHOSPHATE SULPHATE—680 bgs, 151,243 lbs, Synthetic Nitrogen Prod Corp, Frankenwald, Hamburg
ARGOLS—91 double bgs, Guilia, Naples
50 double bgs, 11,243 lbs, Exochorda, Leghorn
BELLADONNA LEAVES—92 bls, Guilia, Fiume
CHEMICALS—40 bbls, 37 cks, 23,990 lbs, Frankenwald, Bremen
31 cks, 23,512 lbs, Innis, Speiden & Co, Frankenwald, Hamburg
300 bgs, 66,138 lbs, Frankenwald, Hamburg
250 bgs, 55,115 lbs, Fred A Kertess, Frankelwald, Hamburg
7 dms, 776 lbs, Anglo South American Trust Co, Frankenwald, Hamburg
CODLIVER CAKE—45 bbls, from Newfoundland
FISH LIVERS—29 cs, from Nova Scotia
1 bx, H M Crocker, Yarmouth, Yarmouth
FORMALDEHYDE SULPHITE—50 kegs, 2 tons, 16 cwt, 2 qtrs, 22 lbs, Philipp Bros, Samaria, Liverpool
GAMBIER, CUBE—166 bgs, Laganbank, Singapore
GLUE, HIDE, GROUND—45 double bgs, 5,040 lbs, Frankenwald, Bremen
GLUESTOCK, FISH SCRAP—3 bbls, J R Poole Co, Yarmouth, Yarmouth
75 bgs, Russia Cement Co, Yarmouth, Yarmouth
12 bgs, Rogers Isinglass & Glue Co, Yarmouth, Yarmouth
14 bbls, Nova Scotia, Halifax
3 bbls, Rogers Isinglass & Glue Co, Nova Scotia, Halifax
HIDE CUTTINGS—1 bg, Irisbank, Rangoon
230 bgs, 17 tons, 3 cwt, 3 qtrs, 20 lbs, Samaria, Liverpool
GOLDTHREAD—1 bg, Chester E Gould, Yarmouth, Yarmouth
ROOT—1 bg, Chester E Gould, Yarmouth, Yarmouth
GUM, INDUSTRIAL—50 cks, 50 bgs, 14 tons, 16 cwt, 2 qtrs, J P Marston Co, Damaria, Liverpool
IRON OXIDE—25 dms, 120 bgs, Stone & Downer, Nova Scotia, Liverpool
MACE—24 cs, Chase National Bank, Kota Radja, Macassar
MOLASSES—8 pnchns, Rowlings, Ltd, Lady Nelson, Barbados
1 half bbl, Lampson & Co, Lady Nelson, Barbados
NUTMEGS—50 bgs, Royal Bank of Canada, Lady Nelson, Granada
OCHER—20 cks, 12,309 lbs, Reichard-Coulston, Exochorda, Marseilles
20 cks, 13,241 lbs, Exochorda, Marseilles
25 cks, 15,208 lbs, Wishnick, Tumpeer, Exochorda, Marseilles
OIL, COD—100 dms, 44,092 lbs, Frankenwald, Hamburg
10 bbls, Marden Wild Corp, Yarmouth, Yarmouth
73 cks, Marden Wild Corp, Nova Scotia, St John's, N F

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OIL, COD—113 dms, 34 cks, from Newfoundland
73 cks, J S Bent & Co, Nova Scotia, St John's, N F
10 dms, 50 cks, from Nova Scotia
CODLIVER—40 bbls, 10,978 lbs, Frankenwald, Hamburg
FISH—2 dms, 882 lbs, Frankenwald, Hamburg
MINERAL—62 dms, Frankenwald, Hamburg
OLIVE—100 cs, 11,539 lbs, Exochorda, Leghorn
100 cs, 5,930 lbs, Exochorda, Genoa
350 cs, President Monroe, Genoa
136 cs, President Monroe, Marseilles
PEANUT—20 cs, Sue Sang, President Monroe, Hongkong (for Montreal)
SPERM—50 dms, W D Mortin, Nova Scotia, St John's, N F
PEATMOSS—200 bls, 28,197 lbs, Frankenwald, Bremen
41 bgs, Chas M Cox, Nova Scotia, St John's, N F
600 bls, 91,711 lbs, Frankenwald, Bremen
PEPPER, BLACK—975 bgs, Kota Radja, Oosthaven
PETROLEUM, CRUDE—85,534 bbls, Colonial Beacon Oil Co, R G Stewart, Guiria
84,610 bbls, Colonial Beacon Oil Co, Penelope, Caripito
POLISH, SHOE—1 cs, Graham & Streeter, Samaria, Liverpool
SILVER—1 cs, Graham & Streeter, Samaria, Liverpool
POTASH, CHLORATE—650 csks, 160,793 lbs, Frankenwald, Hamburg
SHELLAC—20 bgs, 3,360 lbs, J Henry Schroeder Banking Corp, Frankenwald, Hamburg
GARNETLAC—100 bgs, Bank of the Manhattan, Irisbank, Calcutta
SOAP—75 cs, 3,007 lbs, Conti Products Corp, Exochorda, Leghorn
55 cs, President Monroe, Marseilles
SPONGES—1 bl, Pistorino & Co, President Monroe, Genoa
STARCH—8 cs, Sue Shang, President Monroe, Hongkong, for Montreal
TALC—50 bgs, 11,023 lbs, L A Salomon & Bros, Exochorda, Genoa
TAPIOCA FLOUR—500 bgs, Guaranty Trust Co, Kota Radja, Cheribon
815 bgs, National City Bank, Kota Radja, Sourabaya
1,070 bgs, Balfour, Guthrie & Co, Kota Radja, Pamanoekan
111 bgs, Steel Inventor, Pasoeroean
1,621 bgs, ntfy, Aaron D Weld's Sons, Steel Inventor, Pasoeroean
552 bgs, First National Bank, Laganbank, Pasoeroean
1,053 bgs, Central Hanover Bank & Trust Co, Lagambank, Pasoeroean
250 bgs, First National Bank, Laganbank, Cheribon
200 bgs, Guaranty Trust Co, Laganbank, Batavia
TARTAR, CREAM—100 csks, 36,153 lbs, Exochorda, Genoa
TOILET PREPS—1 cs, Lever Bros Co, Nova Scotia, Liverpool
WATER, MINERAL—175 cs, President Monroe, Marseilles
WAX, SKI—2 cs, First National Bank, Frankenwald, Hamburg

Galveston Imports

COCONUTS—600 sks, San Blas, Puerto Cortez

Gloucester Imports

CODLIVER CAKE—50 bbls, from Nova Scotia

Houston Imports

COCONUTS—200 sks, Margaret Lykes, Cristobal

Los Angeles Imports

AGAR AGAR—180 lbs, Azumasan, Yokohama
AMMONIAC SAL—11,030 lbs, Stassfurt, Hamburg
ARSENIC—2,800 lbs, Koryu, Kobe
BABASSU KERNELS—220,500 lbs, West Camargo, Brazil
BARYTES—44,130 lbs, President Hayes, Genoa
BLOOD, DRIED—69,440 lbs, from Mexico City
BONE MEAL—100,000 lbs, Golden Hind, Dairen
CASEIN—5 lbs, Washington, Paris
CASSIA—7,000 lbs, Siantar, Padang
CHEMICAL COMPOUND—900 lbs, Hokuroku, Yokohama
CINNAMON—15,000 lbs, President Taft, Ceylon
COPRA—1,064,000 lbs, Siantar, Philippine Islands
459,200 lbs, Roseville, Philippine Islands
MEAL—96,000 lbs, Koryu, Kobe
430,500 lbs, Siantar, Manila
COTTONSEED MEAL—200,000 lbs, Gyokoh, Kobe
FERTILIZER—200,000 lbs, Koryu, Yokohama
FLEASEED—10,120 lbs, President Hayes, Marseilles
GASOLINE—4,830,070 lbs, Agiworld, Shanghai
GUM, DAMMAR—4,480 lbs, President Taft, Singapore
GYPSUM, ROCK—7,553,280 lbs, Griffco, San Marcos Isl
HERBS, CRUDE—50 lbs, Azumasan, Yokohama
MEDICINAL PREP'S — 10 lbs, Azumasan, Yokohama
MINERAL ROCK—20 lbs, Azumasan, Tokio
OIL, COCONUT—1,118,110 lbs, Siantar, Philippine Islands
COTTONSEED—800 lbs, Brandanger, Santos
PALM—2,248,050 lbs, Siantar, Medan
PEANUT—2,520 lbs, President Taft, Hongkong
VEGETABLE—16,000 lbs, Koryu, Kobe
PEATMOSS—17,920 lbs, from Toronto
PEPPER, BLACK—11,110 lbs, Siantar, Batavia
31,500 lbs, Siantar, Dutch East Indies
PERFUMERY—20 lbs, from Paris
30 lbs, from London
580 lbs, from Torquay
PUMICE, MFR—10 lbs, Azumasan, Yokohama
SARDINE MEAL—200,000 lbs, Koryu, Japan
SILVERSAND—672,000 lbs, Washington, Antwerp
SOAP, TOILET—1,090 lbs, from London
STARCH, POTATO—500 lbs, Azumasan, Yokohama
440 lbs, Koryu, Yokohama
SUPERPHOSPHATE—100,000 lbs, Koryu, Kobe
TAPIOCA—44,850 lbs, Siantar, Sourabaya
FLOUR—48,080 lbs, Siantar, Sourabaya
88,400 lbs, Siantar, Batavia
ROOT—56,000 lbs, Siantar, Sourabaya
TOILET PREP'S—130 lbs, from London
50 lbs, President Coolidge, Kobe
UCUHABA NUT KERNELS — 444,460 lbs, Evanger, Para

Mobile Imports

BAUXITE ORE—2,664 tons, Aladdin, Paramaribo
COCONUTS—160 sks, Sorvangen, Kingston

New Orleans Imports

ARSENIC, POWD—112 dms, African Metals Corp, Floride, Antwerp
BAUXITE ORE—2,615 tons, Republic Mining & Mfg Co, Fagersten, Paramaribo
2,729 tons, Republic Mining & Mfg Co, Vestvangen, Paramaribo
CHEMICALS—183 dms, Cardonia, Antwerp
84 csks, P Bauer Co, Cardonia, Rotterdam
COCOA BEANS—1,700 sks, Fruit Dispatch Co, Metapan, Almiranto
COPRA—3,300 tons, Hanover, Cebu
CHALK—1,100 sks, Floride, Antwerp
COCONUTS—150 sks, Whitney Bank, Metapan, Cristobal
1,333 sks, Standard Fruit & Steamship Co, Contessa, Ceiba
1,000 sks, W Gordon & Co, Metapan, Puerto Castilla
240 sks, F Boyer, Gansfjord, Belize
1,000 sks, W Gordon & Co, Gansfjord, Belize
1,020 sks, Gansfjord, Belize
160 sks, W R Grace & Co, Vestvangen, Kingston
1,252 sks, F Beyer, Vestvangen, Kingston
750 sks, Vestvangen, Kingston
GUM, CHICLE—29 sks, Gansfjord, Belize
MANURE—50 sks, Hector Supply Co, Vestvangen, Kingston
MOLASSES—1,329,398 gls, Commercial Molasses Corp, Dora, Guantanamo
118,200 gls, Commercial Molasses Corp, Dora, Cienfuegos
1,400,025 gls, Carrabulle, Cienfuegos
OIL, CREOSOTE—116 dms, Cardonia, Antwerp
LINSEED—50 dms, Cardonia, Rotterdam
OLIVE—30 cs, Maria, Palermo
PALM—555 tons, Guaranty Trust Co, Adrastus, Belawan Deli
481 tons, Guaranty Trust Co, Palembang, Belawan Deli
500 tons, Palembang, Belawan Deli
PEPPER—24 sks, Adrastus, Batavia
150 sks, Palemburg, Oosthaven
SHEEP DIP—25 dms, Cardonia, Antwerp
SALTCAKE—750 tons, Bank of Manhattan, Floride, Antwerp
TAPIOCA FLOUR—137 sks, National City Bank, Adrastus, Sourabaya
339 sks, National City Bank, Palembang, Sourabaya

Norfolk Imports

BLOOD, DRIED—1,000 bgs, 110,237 lbs, Tupman, Thurlow & Co, The Angeles, Buenos Aires
1,600 bgs, 176,371 lbs, H J Baker & Bros, The Angeles, Buenos Aires
BONES—2,980 bgs, 279 tons, The Angeles, Buenos Aires
1,138 bgs, 111 tons, National Bank of Commerce, The Angeles
POTASH MURIATE—Quantity, First Nat'l Bank of Boston, Michigan, Havre
QUEBRACHO EXTRACT—5,967 bgs, 645,142 lbs, Tannin Corp, The Angeles, Buenos Aires
919 bgs, 99,213 lbs, American Tanners, The Angeles, Buenos Aires
2,550 bgs, 281,692 lbs, International Product Corp, The Angeles, Buenos Aires
SODA NITRATE—3,000 tons, Chilean Nitrate Sales Corp, Brounoy, Tocopilla
TANKAGE—1,000 bgs, 110,300 lbs, The Angeles, Buenos Aires
TAPIOCA FLOUR—200 bgs, Bank of Manhattan, Muncaster Castle, Pasorean

Philadelphia Imports

ACID, CRESYLIC—50 dms, Lehigh, Liverpool
168 dms, Barrett Co, Lehigh, Liverpool
51 dms, Barrett Co, Lehigh, Glasgow
100 bgs, Chase Nat Bank, Beemsterdijk, Rotterdam
AMMONIA, CARBONATE—25 cks, Harshaw Chemical Co, Lehigh, Glasgow
ASBESTOS, CRUDE—534 bgs, Davies, Turner & Co, Lehigh, Liverpool
27 bgs, Davies, Turner & Co., Lehigh, Manchester
BEET PULP—4,480 bgs, Bank of the Manhattan, Ida, Fiume
BLOOD, DRIED, GROUND—1,000 bgs, Coldbrook, Buenos Aires
CANARY SEED—350 bgs, Arthur G Dunn, Exermont, Casablanca
500 bgs, Exermont, Casablanca
CASSIA—92 pkgs, H P Winter & Co, Kota Radja, Padang
CHEMICALS—3 tins, 1 dm, Black Falcon, Rotterdam
13 dms, E I Du Pont de Nemours & Co, Cypria, Marseilles
70 bbls, The Goldschmidt Co, Beemsterdijk, Rotterdam
200 cks, Advance Solvents & Chemical Corp, Beemsterdijk, Rotterdam
1,000 dms, John A Steer & Co, Beemsterdijk, Rotterdam
CINCHONA BARK—1,459 bls, Beemsterdijk, Rotterdam
CLAY—157 cks, Black Falcon, Rotterdam
COALTAR DISTILLATE—20 dms, Monsanto Chemical Co, Lehigh, Liverpool
COCOA BEANS—16,600 bgs, Balfour, Guthrie & Co, West Irmo, Accra
5,026 bgs, West Irmo, Accra
10,000 bgs, Balfour, Guthrie & Co, West Irmo, Takoradi
1,149 bgs, West Irmo, Takoradi
1,548 bgs, West Irmo, Winnebah
2,320 bgs, West Irmo, Salt Pond
1,000 bgs, Tugela, Victoria
4,000 bgs, Guaranty Trust Co, Frost, Ilheos
8,000 bgs, Frost, Ilheos
195 bgs, Cypria, Lisbon
1,100 bgs, Wessels, Kulenkampff & Co, Coldbrook, Buenos Aires
COCONUTS—200 bgs, Franklin Baker Co, Barbara, San Juan
50 bgs, Simons & French Co, Barbara, San Juan
211 bgs, J Simon & Co, Barbara, San Juan
COCOA WASTE—300 cs, Woodward & Dickerson, Black Falcon, Rotterdam
COLOR, DRY—2 cs, J W Hampton, Jr, & Co, Lehigh, Liverpool
CORK—4 bls, Cypria, Casablanca
CUTCH—200 bxs, Irisbank, Rangoon
EMERY, ARTIFICIAL—18 cks, Precision Grinding Wheel Co, Cypria, Marseilles
FERROMANGANESE—6 cs, Uddeholm Co, Waukegan, Hamburg
101.3520 tons, Wm H Muller & Co, Beemsterdijk, Ymuiden
FERTILIZER, NITROGENEOUS—4,000 bgs, H J Baker & Bro, Beemsterdijk, Rotterdam
FLAXSEED—5,040 tons, Cubano, Necoches
FLUORSPAR—200 tons, Irving Trust Co, Cypria, St Raphael
GLASS, PLATE—10 cs, Brown Bros Harriman & Co, Black Falcon, Antwerp
WINDOW—12 cs, Waukegan, Hamburg
37 cs, Black Falcon, Antwerp
GLUE, HIDE, GROUND—200 bgs, Ida, Trieste
GLYCERIN—19 dms, Black Falcon, Antwerp
142 dms, Black Falcon, Rotterdam
288 cks, Cypria, Marseilles
GUM ARABIC—50 bgs, Thurston & Braidich, City of Auckland, Port Sudan
50 bgs, Irisbank, Port Sudan
GYPSUM, CRUDE—5,100 tons, U S Gypsum Co, Gypsum Prince, Windsor, N S
HERBS, 27 bls, Sharp & Dohme, Beemsterdijk, Rotterdam
INDIGO PASTE & GRAINS—1 pkg, E I Du Pont de Nemours & Co, Noshiro, Dairen
IRON OXIDE—20 cks, Joseph A McNulty, Lehigh, Liverpool
90 bgs, Reichard Coulston, Lehigh, Liverpool
MANGANESE, PEROXIDE—1,240 tons, Amtorg Trading Corp, Tilthorn, Poti
MAGNESITE—17,816 bgs, Harbison Walker Refractories Co, Ida, Trieste
MEDICINAL PREPS—10 cks, Gold Medal Haarlem Oil Co, Black Falcon, Rotterdam
MILK POWDER—660 bgs, Black Falcon, Rotterdam
436 bgs, Beemsterdijk, Rotterdam
220 bgs, Halfmoon Mfg & Trading Co, Beemsterdijk, Rotterdam
MILLET SEED—811 bgs, Coldbrook, Buenos Aires
MOLASSES—888,869 gls, Cuba Distilling Co, Cassimir, Santiago
506,021 gls, Cuba Distilling Co, Cassimir, San Pedro de Macoris
MUSTARD SEED—250 bgs, Black Falcon, Rotterdam
NAPHTHALENE—208 bgs, Lehigh, Liverpool
149 bgs, Barrett Co, Lehigh, Manchester
211 bgs, Barrett Co, Waukegan, Hull
1,900 bgs, Beemsterdijk, Rotterdam
NUTMEGS—79 bgs, 7 cs, Catz American Co, Beemsterdijk, Rotterdam
78 bgs, Kota Radja, Samarang
OCHER—10 cks, Cypria, Marseilles
OIL, CHINAWOOD—348 tons, Noshiro, Hankow
COD, INDUSTRIAL—100 cks, Waukegan, Hamburg
CODLIVER—100 dms, Waukegan, Hamburg
CORN—100 dms, Black Falcon, Antwerp
113,761 kilos, Black Falcon, Rotterdam
MINERAL—110 dms, Waukegan, Hamburg
OLIVE—400 cs, 5 dms, Exermont, Cadiz
200 cs, Exermont, Seville
200 cs, Corn Exchange Nat Bank, Exermont, Seville
OLIVE, FOOTS—100 dms, Exermont, Seville
SESAME, REFINED — 73,419 kilos, Morris Friedman, Black Falcon, Rotterdam
SULPHUR—200 bbls, Cypria, Lisbon
100 bbls, Phila Nat Bank, Cypria, Lisbon
PEATMOSS—300 bls, Peat Import Corp, Waukegan, Hamburg
748 bls, Waukegan, Hamburg
500 bls, Premier Peat Moss Corp, Hamburg
PEPPER, BLACK—450 bgs, Kota Radja, Oosthaven
PETROLEUM, CRUDE—38,000 bbls, The Texas Co, Hugoton, Tampico
91,662 bbls, Atlantic Refining Co, Permian, Las Piedras
POLISH, METAL—55 cs, R T French Co, Waukegan, Hull
WINDOW—1 cs, R T French Co, Waukegan, Hull
POTASH SILICATE—100 dms, Alexander Murphy & Co, Beemsterdyk, Rotterdam
PYRITES—5,750 tons, General Chemical Co, William Blumer, Quebec
QUEBRACHO EXTRACT—525 bgs, Tannin Corp, Coldbrook, Buenos Aires
350 bgs, Internat'l Products Corp, Coldbrook, Buenos Aires
RESIN SYN—200 bgs, Beemsterdyk, Rotterdam
SALTPETER—250 bgs, Waukegan, Hamburg
SARDINE MEAL—2,240 bgs, Ashcraft Wilkinson & Co, Kongo, Nagoya
SEAWEED—50 bgs, Brown Bros, Harriman & Co, Waukegan, Hamburg
SHELLAC—1,000 bgs, City of Auckland, Calcutta
600 bgs, Magdapur, Calcutta
2,200 bgs, Bank of London & South America, Irisbank, Calcutta
200 bgs, Irisbank, Calcutta
25 bgs, Guaranty Trust Co, Irisbank, Calcutta
GARNET LAC—200 bgs, City of Auckland, Calcutta
200 bgs, Chase Nat'l Bank, Magdapur, Calcutta
SODA, FLUORIDE—25 csks, Waukegan, Hamburg
TANKAGE—1,528 bgs, Guaranty Trust Co, Coldbrook, Buenos Aires
TAPIOCA FLAKE SIFTINGS—500 bgs, Nat'l City Bank, Kota Radja, Sourabaya
TITANIUM ORE—250 bgs, Tugela, Santos
UMBER, CRUDE BURNT—482 bgs, Ida, Trieste
RAW, POWDERED—14 csks, Central Penn Nat'l Bank, City of Auckland, Port Said

Portland, Ore., Imports

BLEACHING POWDER—70 dms, San Francisco, Newcastle
COPRA—1,127 tons, Durkee Famous Foods, Washington, Cebu
600 tons, Durkee Famous Foods, Washington, Legaspi
211 tons, Durkee Famous Foods, Washington, Iolo
FLAXSEED—8,804 sks, Louis Dreyfus & Co, West Nilus, San Lorenzo
GLASS, WINDOW—504 cs, J T Steeb & Co, Vancouver, Antwerp
8 cs, Pacific Trader, Manchester
177 cs, U S National Bank of Portland, San Francisco, Antwerp
OIL, LUBRICATING—25 dms, Vancouver, Antwerp
PARAFFIN—255 sks, Patterson Shipping Co, Pleasantville, Batavia
PEATMOSS—1,050 bls, Peat Import Corpn, Vancouver, Bremen
SOYBEAN MEAL—7,000 sks, Mitsubishi Shoji Kaisha, Washington, Dairen
TANKAGE—1,790 sks, Swift & Co, West Nilus, Buenos Aires
2,000 sks, Wm J Horstmann, West Nilus, Buenos Aires

San Francisco Imports

ACID, CITRIC—176 cs, Manulani, Honolulu
FATTY—150 sks, Otis, McAllister & Co, Koyei, Yokohama
ALBUMEN, EGG, HEN—17 cs, Du Val Moore American Trading Co, Taiyo, Tientsin
AMMONIA PHOSPHATE—200 sks, Mitsubishi-Shoji-Kaisha, Koyei, Kobe
SULPHATE — 2,000 sks, Mitsubishi-Shoji-Kaisha, Koyei, Kobe
BABASSU NUTS—1,666 sks, J G Dreyfuss, West Camargo, Maranhao
1,670 sks, West Camargo, Maranhao
BLOOD MEAL — 100 sks, T Murakawa, Bokuyo, Kobe
BONES—250 tons, West Camargo, Buenos Aires
GRANULATED—12,021 sks, West Camargo, Buenos Aires
CALCIUM CHLORIDE—168 dms, Bank of California, N A, Koyei, Kobe
CHALK, CRUDE—Quantity, Loch Monar, London
CINNAMON QUILLS—150 bls, D Hecht & Co, General Pershing, Colombo
COCOA BEANS—300 sks, Fruit Dispatch Co, San Jose, Cristobal
67 sks, P J Frawley, Condor, Corinto
750 sks, H A Phillips & Co, West Camargo, Bahia
250 sks, Henry W Peabody & Co, West Camargo, Bahia
500 sks, H A Phillips & Co, West Camargo, Para
400 sks, West Camargo, Para
COCOA BEANS—72 sks, Wightman & Crane, Golden Coast, Apia
149 sks, Burns, Philp Co, Golden Coast, Apia
COCONUT, DESIC—1,000 cs, J E Lowden, General Pershing, Manila
10,000 cs, Franklin Baker Co, General Pershing, Manila
COCONUTS—258 sks, A & P Produce Co, San Jose, Cristobal
COPRA—858 sks, Attorney General, Monterey, Pago Pago
1,915 sks, Golden Coast, Apia
MEAL—500 sks, Mitsubishi-Shoji-Kaisha, Taiyo, Kobe
CORKS—1 bl, Napa & Sonoma Wine Co, San Jose, Havre
COTTONSEED MEAL—6,000 sks, Wilbur-Ellis Co, Koyei, Kobe
DENTIFRICE—3 cs, Pacific Trading Co, Koyei, Kobe
DEXTRIN, POTATO—25 sks, Loch Monar, Rotterdam
DISTILLATE, CRACKED—2 dms, Shell Development Co, Loch Monar, Rotterdam
EGG YOLK, HEN—17 cs, Du Val Moore American Trading Co, Taiyo, Tientsin
FOOT REMEDY—1 cs, Monterey, Melbourne
GINGER ROOT—88 cs, General Pershing, Hongkong
GRAPHITE—1 cs, General Pershing, Saigon
GUM COPAL—200 sks, Stroock & Wittenberg Corpn, San Jose, Antwerp
50 sks, France, Campbell & Darling, General Pershing, Manila
ELEMI—28 cs, Charles L Huisking & Co, General Pershking, Manila
HEMPSEED MEAL—1,400 sks, Taylor Milling Corpn, Koyei, Kobe
HERB—2 cs, North American Mercantile Co, Koyei, Yokohama
3 cs, North American Mercantile Co, Koyei, Yokohama
HONEY—57,645 lbs, Manulani, Kahului
INK—1 cs, Hinomoto Co, Koyei, Yokohama
5 cs, Quong Kee & Co, General Pershing, Hongkong
INSECTICIDE—2 cs, Dai-Nippon Seed Co, Taiyo, Yokohama
ISINGLASS—4 bls, S Ishimitsu Co, Koyei, Kobe
KAVA KAVA—70 sks, S B Penick & Co, Manulani, Hilo
LINSEED MEAL—1,000 sks, Taylor Milling Corpn, Koyei, Kobe
1,500 sks, Balfour, Guthrie & Co, Koyei, Kobe
1,000 sks, Mitsubishi-Shoji-Kaisha, Taiyo, Kobe
MEDICINAL PREPS—1 cs, Pacific Trading Co, Koyei, Kobe
4 cs, North American Mercantile Co, Koyei, Yokohama
7 cs, Hatae Trading Co, Taiyo, Yokohama
8 cs, Quong Kee & Co, General Pershing, Hongkong
MOLASSES—3,300 tons, Castana, Port Allen
1,000 tons, Maui, Hilo
NUTMEGS—10 sks, Crocker First National Bank, West Camargo, Port of Spain
OIL, CHINAWOOD—25 dms, East Asiatic Co, Taiyo, Shanghai
CODLIVER—210 dms, Fred Olsen Line Agency, Granville, Oslo (for Oakland)
COTTONSEED, SEMI-REFD—313,891 lbs, Koyei, Kobe
267 dms, West Camargo, Santos
EUCALYPTUS—2 dms, Monterey, Melbourne
PEANUT—50 cs, Ti Hang Lung & Co, General Pershing, Hongkong
VEGETABLE SEDIMENTS—40 cs, International Trading Co, Koyei, Yokohama
PEATMOSS—1,321 bls, Wilson & George Meyer & Co, Granville, Oslo
400 bls, Wilson & George Meyer & Co, Granville, Oslo (optional San Francisco-Oakland)
POTASH SALT—14 kgs, 4 cs, Bauer-Schweitzer Hop & Malt Co, Loch Monar, London
PYRETHRUM FLOWERS—40 cs, S L Jones & Co, Koyei, Kobe
312 bls, Mitsui & Co, Taiyo, Kobe
SEED, PASPALUM DILATATUM—14 sks, Monterey, Auckland
SESAME SEED—50 sks, Nippon Co, Taiyo, Shanghai
SILVERSAND—2,100 tons, Balfour, Guthrie & Co, San Jose, Antwerp
SOAP—1 cs, Monterey, Sydney
200 cs, Loch Monar, Rotterdam
SADDLE—1 cs, Van-Voorhies-Phinney Co, Loch Monar, London
SODA CYANIDE—224 dms, Koyei, Yokohama
NITRATE—4,506 sks, Chilean Nitrate Sales Co, Condor, Tocopilla (for Oakland)
250 dms, American Cyanamid & Chemical Corp, Loch Monar, Rotterdam
270 dms, American Cyanamid & Chemical Corp, Loch Monar, Rotterdam (for Oakland)
SUPERPHOSPHATE—800 sks, Mitsui & Co, Koyei, Kobe
TALLOW — 1 bbl, Tupman-Thurlow Co, Monterey, Sydney
50 dms, Anglo-California National Bank Monterey, Auckland
10 dms, Manulani, Kahului
TANKAGE—500 sks, Golden Coast, Auckland
260 sks, Willits & Co, Condor, Callao
THALLIUM SULPHATE—4 cs, Loch Monar, Rotterdam
TOILET PREP'S—1 cs, Pacific Trading Co, Koyei, Yokohama
4 cs, North American Mercantile Co, Koyei, Yokohama
WATER, MINERAL—5 cs, R G Lane, San Jose, Havre
WOODFLOUR—750 sks, B L Soberski, Granville, Oslo

Savannah Imports

AMMONIA SULPHATE—2,150 tons, Jobshaven, Sluskil
CASTOR MEAL—3,507 bgs, Jobshaven, Rotterdam
CLAY—44 cks, Jobshaven, Rotterdam
COCOA RESIDUE—2,500 bgs, Jobshaven, Rotterdam
PEATMOSS—400 bls, Sundance, Bremen
POTASH MANURE SALT—Quantity, Sundance, Bremen
MURIATE—Quantity, Sundance, Bremen
POTASH MAGNESIA SULPHATE—15,500 bgs, Sundance, Bremen
SAGO FLOUR—3,679 bgs, Muncaster Castle, Singapore
TAPIOCA FLOUR—510 bgs, Muncaster Castle, Singapore

Seattle Imports

AMMONIA NITRATE—150 sks, Vancouver, Antwerp
BLEACHING POWDER—55 dms, 5 cs, San Francisco, Newcastle
CHEMICALS—50 dms, Loch Katrine, Rotterdam
COCOA BEANS—500 sks, West Nilus, Bahia
836 sks, West Nilus, Para
GLASS, WINDOW—322 cs, U S National Bank of Portland, San Francisco, Antwerp
OCHER—15 bbls, L H Butcher & Co, Rialto, Marseilles
OIL, LUBRICATING—15 dms, Vancouver, Antwerp
PEATMOSS—500 bls, Peat Import Corpn, Vancouver, Bremen

POTASH MURIATE—91 tons and 500 sks, First National Bank of Boston, San Francisco, Antwerp
SILVERSAND—80 tons, Balfour, Guthrie & Co, San Francisco, Antwerp
TANKAGE—5,000 pkgs, West Nilus, Santos
WATER, MINERAL—100 cs, Kelly-Clarke Co, Loch Katrine, London
WAX, SKI—8 cs, Eddie Bauer, Vancouver, Hamburg

Tacoma Imports

TALLOW—101 cs, West Nilus, Para

Tampa Imports

CASTOR MEAL—1,684 tons, Ethan Allen, Hull

Exports from U.S. Ports

New York Exports

Clearance Dates

American Farmer, October 16; Ancon, September 22; Berlin, October 9; Black Tern, October 15; Borinquen, October 15; Britannic, October 16; Cameronia, October 16; Capillo, October 19; Carinthia, October 16; Cauto, September 30; Cherokee, October 4; Chinese Prince, October 10; City of Dalhart, October 22; Cristobal, October 6; Emile Francqui, October 20; Europa, October 20; Eva, October 6; Exchange, October 20; Flint, October 16; Gerolstein, October 9; Guayaquil, September 29; Ile de France, October 9; Liberty, October 17; Mauna Loa, October 14; Muncaster Castle, October 15; Northern Prince, October 16; Oriente, October 9; Orizaba, October 7; Panuco, September 19; Paula, October 17; Pennland, October 16; Santa Inez, October 16; Santarem, October 19; Scanstates, September 25; Scythia, October 9; Statendam, October 19; Ulua, October 13; Washington, October 20

ACID, BUTYRIC—5,340 lbs, Gerolstein, Antwerp
MURIATIC—7,770 lbs, Platano, Porto Cortes; 5,614 lbs, Paula, Antofagasta; 3,276 lbs, Calamares, Kingston; 1,740 lbs, Ulua, Kingston
NITRIC—212 lbs, Platano, Porto Cortes
STEARIC—3,374 lbs, Paula, Valparaiso
AMMONIA, ANHYD—1,550 lbs, Ulua, Montego Bay
AMYL ACETATE—1,331 lbs, Capillo, Santos
ASPHALT—19,870 lbs, Flint, Buenos Aires; 126,184 lbs, Exchange, Oran; 22,986 lbs, Cristobal, Port Prince; 92,415 lbs, Santa Inez, Guayaquil; 184,551 lbs, Paula, Guayaquil
LIQUID—126,080 lbs, Exchange, Oran
BAKING POWDER—7,175 lbs, Capillo, Montevideo
BARK—4,629 lbs, Washington, Hamburg
BLACK, BONE—6,480 lbs, American Farmer, London
BLOOD, DRIED—44,506 lbs, New York, Hamburg
BLUE, ULTRAMARINE—1,291 lbs, Eva, San Pedro
VITRIOL, CRYST—50,500 lbs, Platano, Porto Colombia
CALCIUM ARSENATE—28,435 lbs, Paula, Paita
CARBIDE—21,300 lbs, Guayaquil, Amapala
HYDRATED—150,000 lbs, Platano, Cortes
CEMENT, LIQ—(Capillo) 8,253 lbs, Santos; 7,699 lbs, Buenos Aires
CHEMICALS—3,632 lbs, Statendam, Amsterdam
CHLORINE, LIQ—1,081 lbs, Guayaquil, Cartagena
CLAY—20,400 lbs, American Farmer, London; 22,400 lbs, New York, Helsingfors
COALTAR—8,774 lbs, Peten, Havana; (Paula) 2,651 lbs, Salaverry; 5,588 lbs, Guayaquil; 3,180 lbs, Ulua, Corinto
COLOR, DRY—2,211 lbs, Flint, Buenos Aires; 6,720 lbs, Calamares, Porto Colombia
CORN FLOUR—1,970 lbs, Calamares, Corinto
SYRUP—7,650 lbs, Mauna Loa, Honolulu; 606 lbs, Chinese Prince, Shanghai
CREOSOTE—3,150 lbs, Guayaquil, Amapala
CULVERS BARK—2,000 lbs, New York, Hamburg
DEXTRIN—2,585 lbs, Flint, Buenos Aires
LIQUID—1,112 lbs, Peten, Havana
DICHLORODIFLUOROMETHANE—2,140 lbs, Emile Francqui, Antwerp
DISINFECTANT—2,480 lbs, Calamares, Porto Colombia
DRUGS—925 lbs, Scythia, Liverpool; 9,273 lbs, Washington, Havre
DYES—8,662 lbs, Northern Prince, Rio Janeiro; 2,387 lbs, Statendam, Rotterdam; 1,230 lbs, Scanstates, Gdynia; 2,764 lbs, Washington, Hamburg; 1,705 lbs, Ulua, Porto Colombia
FERRITES—16,120 lbs, Flint, Buenos Aires
FERTILIZER—2,700,000 lbs, Chinese Prince, Iloilo; 11,200 lbs, Paula, Buenaventura; 22,667 lbs, Calamares, Kingston; 33,333 lbs, Ulua, Kingston
FIRECLAY—30,700 lbs, Pennland, Antwerp; 928,500 lbs, Muncaster Castle, Manila
GELATIN, GRD—707 lbs, Peten, Havana
GLASS, PLATE—74,270 lbs, American Farmer, London
GLUCOSE—9,244 lbs, Paula, Valparaiso
GLUE, DRY—21,978 lbs, Cameronia, Glasgow
VEGETABLE, DRY—566 lbs, Platano, Guatemala City
GRAPHITE—8,976 lbs, American Farmer, London
GREASE, LUBRICATING—100,169 lbs, Scythia Liverpool; 39,622 lbs, Ile France, Dunkirk; 10,526 lbs, Liberty, Manchester; 23,458 lbs, Pennland, Antwerp; 5,574 lbs, Cameronia, Glasgow; 3,914 lbs, Capillo, Rio Janeiro; 30,757 lbs, Carinthia, Liverpool; 5,080 lbs, Cristobal, Cristobal; 10,284 lbs, Ancon, Amapala; 3,855 lbs, Ingrid, Fort France; 2,148 lbs, Calamares, Cartagena; (Statendam) 59,010 lbs, Rotterdam; 15,420 lbs, Amsterdam; 14,142 lbs, City of Dalhart, Melbourne; (Paula) 4,305 lbs, Guayaquil; 5,500 lbs, Arica; 13,889 lbs, Washington, Havre
HYDROGEN, PEROXIDE—9,200 lbs, Ulua, Cartagena
INDIGO, PASTE—55,435 lbs, Black Tern, Antwerp
INK, PRINTING—12,432 lbs, Flint, Buenos Aires
INSECTICIDE, AGRIC—13,884 lbs, City of Dalhart, Sydney
HOUSEHOLD—5,400 lbs, Chinese Prince, Manila; 5,646 lbs, Scanstates, Helsingfors
LACQUER—(Capillo) 3,760 lbs, Rio Janeiro; 1,831 lbs, Santos
THINNER—1,100 gls, Cauto, Vera Cruz
LARD—7,820 lbs, Ile de France, Havre; 68,300 lbs, Black Tern, Antwerp; 4,151 lbs, Britannic, Southampton; (Liberty) 13,317 lbs, Cork; 33,075 lbs, Manchester; 8,000 lbs, Cherokee, Ponce; 4,988 lbs, Cameronia, Glasgow; 9,300 lbs, New York, Hamburg; 4,000 lbs, Santa Inez, Panama City; 13,432 lbs, Emile Francqui, Antwerp
LEAD ARSENATE—22,300 lbs, Borinquen, San Juan; 7,950 lbs, Coamo, San Juan
RED—2,125 lbs, Ulua, Puerto Colombia
WHITE—2,373 lbs, Calamares, Puerto Colombia; 59,893 lbs, Statendam, Amsterdam
WHITE SUBLIMED—11,250 lbs, Statendam, Rotterdam
LINSEED CAKE—337,994 lbs, Liberty, Cork; 450,771 lbs, Pennland, Antwerp; 3,391,337 lbs, Black Tern, Antwerp; 1,131,582 lbs, Emile Francqui, Antwenp; 901,496 lbs, Washington, Hamburg
LUBRICANTS—195,777 lbs, Statendam, Amsterdam
OIL, CASTOR—580 lbs, Calamares, La Union
CORN—(Cherokee) 5,608 lbs, San Juan; 1,165 lbs, Mayaguez
EDIBLE—10,370 lbs, Peten, Port Limon; (Calamares) 2,388 lbs, Puerto Colombia; 2,388 lbs, Corinto
FLOTATION—6,325 gls, City of Dalhart, Brisbane
LEMON—729 lbs, Washington, Hamburg
LUBRICATING—13,750 gls, Panuco, Tampico; (Cauto) 23,950 gls, Vera Cruz; 15,251 gls, Puerto Mexico; 8,800 gls, Orizaba, Vera Cruz; 1,375 gls, Northern Prince, Santos; 2,953 gls, Berlin, Bremen; (Liberty) 8,635 gls, Cork; 16,230 gls, Manchester; (Pennland) 3,080 gls, Orsoy; 18,305 gls, Antwerp; 13,580 gls, American Farmer, London; 2,750 gls, Black Tern, Antwerp; 1,815 gls, Flint, Buenos Aires; (Ile de France) 13,985 gls, Havre; 1,050 gls, Bordeaux; 3,830 gls, Dunkirk; 1,815 gls, Tamatave; 26,055 gls, Muncaster Castle, Manila; (Capillo) 23,590 gls, Rio de Janeiro; 6,206 gls, Puerto Alegre; 1,100 gls, Montevideo; 1,100 gls, Buenos Aires; (Carinthia) 50,360 gls, Liverpool; 2,100 gls, Lisbon; 3,355 gls, Calcutta; 94,736 gls, New York, Hamburg; 2,035 gls, Cristobal, Puntarenas; 2,035 gls, Ancon, Amapala; 1,000 gls, Oriente, Havana; 1,650 gls, Chinese Prince, Shanghai; 17,335 gls, Cameronia, Glasgow; (Exchange) 1,210 gls, Casablanca; 17,235 gls, Oran; 19,088 gls, Algiers; 7,335 gls, Tunis; (Scanstates) 2,550 gls, Oslo; 9,700 gls, Stockholm; (Statendam) 14,475 gls, Rotterdam; 8,160 gls, Amsterdam; (City of Dalhart) 7,325 gls, Brisbane; 8,489 gls, Sydney; 21,200 gls, Melbourne; 4,125 gls, Santa Inez; (Paula) 1,695 gls, Buenaventura; 2,200 gls, Callao; 5,500 gls, Arica; 3,025 gls, Antofagasta; 6,270 gls, Coquimbo; 5,575 gls, Ingrid, Fort France; (Calamares) 1,375 gls, Cristobal; 1,925 gls, Puerto Colombia; 2,365 gls, Platano, Puerto Barrios; 11,000 gls, Santarem, Rio de Janeiro; (Emile Francqui) 3,150 gls, Antwerp; 5,330 gls, Matadi; (Washington) 4,200 gls, 2,432 gls, Hamburg; 2,268 gls, Prague; 4,175 gls, Ulua, Puerto Colombia
MINERAL—4,400 gls, American Farmer, London; 3,850 gls, Oriente, Havana
OLEO—22,564 lbs, Scythia, Liverpool; (Liberty) 13,561 lbs, Cork; 46,709 lbs, Dublin; 7,008 lbs, Pennland, Brussels; 9,370 lbs, Carinthia, Liverpool; 46,706 lbs, Statendam, Rotterdam; 27,860 lbs, Emile Francqui, Antwerp
PAINT—3,002 lbs, Black Tern, Antwerp; 3,423 lbs, Eva, Porto Plata; 4,460 lbs, Capillo, Buenos Aires; 3,850 lbs, Cristobal, Panama; 5,573 lbs, Gerolstein, Antwerp; 4,830 lbs, Chinese Prince, Shanghai; 16,399 lbs, Ingrid, Guira; 5,391 lbs, Platano, Porto Barrios; 3,440 lbs, Scanstates, Stockholm
ENAMEL—10,771 lbs, Flint, Buenos Aires
PARAFFIN—44,489 lbs, Peten, Port Limon; 48,916 lbs, Liberty, Manchester; 32,175 lbs, Cauto, Vera Cruz; 24,255 lbs, Cameronia, Glasgow; 78,507 lbs, New York, Hamburg; 10,101 lbs, Cristobal, Amapala; 10,101 lbs, Guayaquil, Amapala; 10,101 lbs, Ancon, Puntarenas; 42,185 lbs, Chinese Prince, Shanghai; 7,964 lbs, Ingrid, Trinidad; 20,201 lbs, Plantano, Guatemala City; 33,367 lbs, Scanstates, Stockholm; 11,121 lbs, Statendam, Amsterdam; (Santa Inez) 60,050 lbs, Colon; 51,362 lbs, Callao; 231,820 lbs, Arica; 33,380 lbs, Santarem, Santos; 56,640 lbs, Ulua, Cantagena
SCALE—48,637 lbs, Pennland, Antwerp; (Scanstates) 60,839 lbs, Copenhagen; 24,234 lbs, Helsingfors; 27,603 lbs, Statendam, Amsterdam
PETROLATUM—172,526 lbs, American Farmer, London
PETROLEUM, REFD—15,000 gls, Eva, Ciudad
PITCH—4,271 lbs, Flint, Buenos Aires
POTASH, MURIATE—202,000 lbs, Ingrid, St Kitts
RESIN—4,840 lbs, Black Tern, Basle; 5,000 lbs, Statendam, Rotterdam
SYNTHETIC—3,036 lbs, Liberty, Liverpool; 2,501 lbs, Carinthia, Liverpool; 15,240 lbs, Washington, Hamburg
ROSIN—214,775 lbs, Paula, Valparaiso
SCOURING COMP—51,000 lbs, Mauna Loa, Honolulu
SOAP—73,200 lbs, Muncaster Castle, Manila; 25,600 lbs, Mauna Loa, Honolulu; (Cherokee) 92,139 lbs, San Juan; 31,961 lbs, Ponce
LAUNDRY—13,560 lbs, Calamares, Belize
POWDER—22,712 lbs, Cristobal, Cristobal; 6,750 lbs, Ancon, Panama
TOILET—12,646 lbs, Mauna Loa, Honolulu
SODA ASH—476,237 lbs, Flint, Buenos Aires; 116,600 lbs, Peten, Havana; 7,339 lbs, Mauna Loa, Honolulu; 33,720 lbs, Orizaba, Vera Cruz; 8,890 lbs, Cameronia, Glasgow; 85,238 lbs, Capillo, Rio de Janeiro; 5,578 lbs, Gerolstein, Antwerp; 9,691 lbs, Paula, Buenaventura; 108,332 lbs, Santarem, Rio de Janeiro
BICARBONATE—10,200 lbs, Calamares, Cartagena; 23,571 lbs, Paula, Coquimbo
CAUSTIC—460,160 lbs, Flint, Buenos Aires; 40,920 lbs, Borinquen, Ciudad; (Cauto) 105,115 lbs, Vera Cruz; 110,522 lbs, Tampico; 79,310 lbs, Capillo, Montevideo; 4,457 lbs, Gerolstein, Antwerp
CHLORATE—10,620 lbs, Mauna Loa, Kahului
FLUORIDE—10,610 lbs, City of Dalhart, Brisbane
HYPOSULPHITE—2,855 lbs, Platano, Guatemala City
PHOSPHATE TRI—11,312 lbs, Black Tern, Antwerp
SILICATE—10,603 lbs, Eva, Porto Plata; 5,526 lbs, Cherokee, Porto Plata; 7,044 lbs, Coamo, Ciudad
SULPHIDE—806 lbs, Peten, Port Limon
STARCH, CORN—38,800 lbs, American Farmer, London; (Cherokee) 56,600 lbs, Ponce; 14,150 lbs, Mayaguez; (Chinese Prince) 47,725 lbs, Manila; 656 lbs, Shanghai; 2,940 lbs, New York, Helsingfors
SUPERPHOSPHATE—113,120 lbs, Ingrid, St Kitts
TALLOW—17,982 lbs, Cherokee, Porto Plata; 16,099 lbs, Borinquen, Ciudad
TURPENTINE—3,100 gls, Paula, Valparaiso
VARNISH—972 lbs, Flint, Buenos Aires; 277 lbs, Carinthia, Liverpool; 1,202 lbs, Chinese Prince, Manila; 2,200 lbs, Capillo, Rio de Janeiro; 1,847 lbs, Coamo, San Juan
WOOD PRESERVER—2,825 lbs, Ulua, Montego Bay
ZINC DUST—1,168 lbs, Paula, Coquimbo

Baltimore Exports

Clearance Dates

Artigas, October 20; City of Havre, October 15; City of Salisbury, October 17; Edgewater, October 21; Fernhill, October 17; Memphis City, October 21; Nankai, October 22; Robin Gray, October 17; Skrim, October 19; San Lucas, October 20

ACID, CHROMIC—5,500 lbs, City of Havre, Gothenburg
AMMONIA, SULPHATE—999 tons, City of Salisbury, Iloilo
ASPHALT, PETROLEUM—5 tons, City of Havre, Bergen
SOLID—132 lbs, City of Havre, Havre
CARBON, RETORT—98,400 lbs, Artigas, London
DIETHYL CARBONATE—85 lbs, City of Havre, Budapest
GLASS FRIT, CRUSHED—15,000 lbs, Artigas, Hull
GREASE, LUBRICATING—8,058 lbs, City of Salisbury, Manila; (Nankai) 46,727 lbs, Osaka; 60,493 lbs, Kobe
HAMMAMELIS LEAVES—2,138 lbs, City of Havre, Havre
INSECTICIDE—496 lbs, San Lucas, San Jose
LACQUER, NITROCELLULOSE—393 lbs, City of Havre, Helsinki
NICKEL SULPHATE—8,000 lbs, Fernhill, Kobe
NAIL-COATING COMP—220 gls, Memphis City, Vancouver
OIL, LUBRICATING—32 bbls, City of Havre, Hamburg
PARAFFIN—59,118 lbs, City of Salisbury, Shanghai
POLISH, AUTO—(City of Havre) 139 lbs, Helsinki; 1,373 lbs, Paris; 639 lbs, Robin Gray, Port Natal
SODA, BICHROMATE—2,205 lbs, City of Havre, Memel
NITRATE—200,000 lbs, Skrim, Windsor; 500,000 lbs, Edgewater, Wallaceburg
SILICATE—(Fernhill) 30,375 lbs, Shanghai; 112,050 lbs, Manila
SUPERPHOSPHATE—5,967,300 lbs, Skrim, Windsor; 869,185 lbs, Edgewater, Wallaceburg
TANKAGE—404,573 lbs, Edgewater, Wallaceburg
UREA BASE—1,824,240 lbs, Edgewater, Wallaceburg

Beaumont Exports

Clearance Dates

El Grillo, October 13; Elmsport, October 7; Margaret Lykes, October 10; Manoeran, October 9; Western Queen, October 7

BLACK CARBON—34 tons, Elmsport, Liverpool
OIL, BATCHING—21,670 bbls, Manoeran, Calcutta
PETROLEUM, CRUDE—79,500 bbls, El Grillo, Montreal
ROSIN—60 dms, Margaret Lykes, Buenaventura
SOAPSTOCK, COTTONSEED—100 bbls, Western Queen, London

Boston Exports

Clearance Dates

American Banker, October 18; American Importer, October 18; Black Falcon, October 19; Farnorth, October 15; Independence Hall, October 20; Lady Drake, October 24; Saint John, October 15, 20; Yarmouth, October 17

ALUMINA OXIDE—12 kegs, 1,720 bgs, 174,938 lbs, Independence Hall, Seine
BLUE, LAUNDRY—1 cs, 60 lbs, Yarmouth, Halifax
BRISTLES—16 cs, 2,083 lbs, Saint John, St John
CEMENT, CAN—13 dms, 4,376 lbs, to Japan
CHALK—6 pkgs, 77 lbs, Saint John, St John, N B
CHEMICALS—3 cs, 36 gls, to Hawaii
CLAY—183 bbls, 21 tons, Independence Hall, Seine
DRESSING, LEATHER—40 dms, 1,203 gls, Independence Hall, Havre
SHOE—1 bx, 20 gls, Independence Hall, Havre; 3 kegs, 25 gls, to Philippines
FELDSPAR—170 bbls, 59,200 lbs, American Importer, Manchester
EMERY, GRAIN—1 cs, 410 lbs, to Philippines
FINISH, SHOE—9 kegs, 90 gls, to Philippines
GELATIN, EDIBLE—11 bbls, 2,905 lbs, to Hawaii
GLUESTOCK—46 bls, 24,600 lbs, Black Falcon, Rotterdam
GREASE, WOOL—3 bbls, 1,038 lbs, to China
GUM—1 cs, 133 lbs, Yarmouth, Halifax
INK, SHOE—2 kegs, 1 bbl, 597 lbs, to Japan
WRITING—2 cs, 624 bxs, 9,443 lbs, to China; 1 cs, 72 lbs, to Japan; 12 bxs, 13 crtns, 573 lbs, to Hawaii; 8 bxs, 8 cs, 1,300 lbs, to Philippines
LINING COMP—1 bx, 39 dms, 17,963 lbs, Independence Hall, Havre; (Black Falcon) 21 dms, 10,160 lbs, Antwerp; 13 dms, 5,854 lbs, Rotterdam
MEDICINAL PREP'S—3 cs, 2 ctns, to Hawaii; 306 bxs, 1,530 gls, American Banker, London; 1 cs, 47 lbs, Lady Drake, Hamilton
MOLASSES—6 bbls, 350 gls, American Banker, London
OIL, LUBRICATING—1 cs, 225 lbs, American Banker, London; 2 crtns, 8 dms, 410 gls, Saint John, St John
PAINT—2 bxs, 12 gls, Yarmouth, Yarmouth
PASTE, ADHESIVE—18 dms, 864 lbs, Black Falcon, Antwerp
STATIONERS'—1 cs, 14 bxs, 459 lbs, to Hawaii
PETROLATUM—80 bbls, 18,742 lbs, American Banker, London
POLISH, SHOE—3 cs, 162 lbs, to Philippines
SILVER—5 crtns, 15 gls, Saint John, St John
STOVE—40 cs, 1,363 lbs, Saint John, St John
PUTTY—6 cs, 600 lbs, to Philippines
SOAP, MEDICATED—2 cs, 715 lbs, to Hawaii
TAR—600 cs, 20,635 lbs, to Philippines
TOILET—2,200 cs, 61,875 lbs, to Philippines
SOLDER FLUX—7 dms, 940 lbs, Independence Hall, Havre
SOLVENT—1 cs, 39 lbs, to Philippines
SPONGES—1 pkg, 6 lbs, Saint John, St John
SULPHUR FLOUR—400 bgs, 40,000 lbs, Farnorth, Charlottetown
TALC—1 cs, 36 lbs, to Hawaii; 24 cs, 360 lbs, Yarmouth, Halifax
TANNING COMP—4 cs, 327 lbs, American Importer, Leeds
EXTRACT—2 dms, 1,000 lbs, Black Falcon, Rotterdam
VANILLA BEANS—2 cs, 209 lbs, Saint John, St John
WAX, SEALING—2 cs, 675 lbs, to Philippines
SHOE—4 cs, 96 lbs, to Japan
WITCH HAZEL EXTRACT—1 bbl, 50 gls, Saint John, St John

Galveston Exports

Clearance Dates

Brynje, October 20; Dryden, October 14; Edgehill, October 16; M C Holm, October 19; Orla, October 14; Toronto, October 13; Vanja, October 19; Velma Lykes, October 16

ASPHALT—22 tons, Toronto, Gdynia
CONCENTRATES—100 tons, Dryden, Hamburg
OIL, FUEL—9,100 tons, Vanja, Havre
POTASH—50 tons, Velma Lykes, San Juan
SALT—20 tons, Velma Lykes, Ciudad Trujillo
SULPHUR—40 tons, Toronto, Aalborg; (Dryden) 73 tons, Gdynia; 65 tons, Hamburg; (Orla) 700 tons, Sydney; 1,200 tons, Dalhousie; 4,600 tons, Campbellton; 500 tons, Edgehill, Manchester; (M C Holm) 800 tons, Quebec; 2,400 tons, Three Rivers; 1,400 tons, Montreal; (Brynje) 1,500 tons, Powell River; 1,000 tons, Ocean Falls; 800 tons, Woodfibre; 800 tons, Port Alice

Houston Exports

Clearance Dates

Alberta, October 15; Endicott, October 17; Helgoland, October 16; Kiyosumi, October 20; Margaret Lykes, October 15; Montello, October 19; Montreal, October 15; Uddeholm, October 14; Velma Lykes, October 14; Youngstown, October 17

BLACK, CARBON—(Uddeholm) 45 cs, Oslo; 75 cs, Gothenburg; 100 cs, Gdynia; (Alberta) 4,045 bgs, Trieste; 2 cs, Fiume; (Montreal) 25 tons, Yokohama; 1 ton, Yokohama-Osaka-Kobe; (Helgoland) 25 tons, Bremen; 100 tons, Hamburg; 200 bgs, Endicott, Shanghai; (Youngstown) 300 cs, 6,000 bgs, Havre; 50 cs, Dunkirk; 750 bgs, Antwerp; 441 bgs, Rotterdam; (Montello) 100 cs, Calcutta; 150 cs, Genoa; 5 cs, Kiyosumi, Kobe
CARBON BISULPHIDE—20 dms, Margaret Lykes, Havana
CLEANING POWDER—5 bgs, Endicott, Honolulu
COTTONSEED MEAL—30 tons, Margaret Lykes, Havana
LUBRICANTS—6 tons, Velma Lykes, Port Prince
OIL, GAS—497 tons, Uddeholm, Gdynia
LUBRICATING—65 bbls, Montello, Naples

Lake Charles Exports

Clearance Dates

Almeria Lykes, October 11; Elmsport, October 11

OIL, PINE—16 dms, Elmsport, Manchester
ROSIN—50 dms, Almeria Lykes, Ciudad Trujillo

Los Angeles Exports

Clearance Dates

Dagfred, October 16; Eagle, October 8; Europa, October 17; Garonne, October 3; Gertrude Maersk, October 1; Koryu, October 14; Koyei, October 7; La Placentia, October 6; Loosdrecht, October 5; Moveria, October 13; Penrith Castle, September 30; President Coolidge, September 30; Santa Maria, October 6; Tachibana, October 8; Trodanger, October 3; Varanger, October 6; Willimoto, October 9; Yaiyo, October 9; Zuiyo, October 15

ACETONE—1 dm, 360 lbs, Gertrude Maersk, Hongkong
ACID—2,500 lbs, President Coolidge, Manila
BORIC—(President Coolidge) 50 kgs, 5,600 lbs, Hongkong; 40 cs, 8,960 lbs, Hongkong; 140 bgs, 14,000 lbs, Moveria, Vancouver
CITRIC—560 lbs, President Coolidge, Manila
AMYL ACETATE—3 dms, 1,180 lbs, Gertrude Maersk, Hongkong
ASPHALT—(Gertrude Maersk) 46 bgs, 8,960 lbs, Shanghai; 187 bgs, 40,320 lbs, Yokohama
BORATE—680 bgs, 149,940 lbs, Koryu, Osaka
BORAX—(President Coolidge) 720 bgs, 80,640 lbs, Yokohama; 720 bgs, 80,640 lbs, Shanghai; 350 bgs, 39,200 lbs, Hongkong; (Koryu) 1,631 bgs, 179,820 lbs, Yokohama; 1,995 bgs, 219,950 lbs, Osaka; 50 sx, 5,500 lbs, Penrith Castle, Tientsin
CATTLE HORN—9,140 lbs, President Coolidge, Osaka
CEMENT, RUBBER—290 lbs, President Coolidge, Hongkong
CHEMICALS—400 lbs, Gertrude Maersk, Hongkong
COLOR, DRY—2 pkgs, 550 lbs, Gertrude Maersk, Hongkong; 16,000 lbs, President Coolidge, Manila
CORNFLOUR—64,000 lbs, President Coolidge, Manila
DIBUTYL PHTHALATE—1 dm, 460 lbs, Gertrude Maersk, Hongkong
ETHYL ACETATE—16 dms, 4,400 lbs, Gertrude Maersk, Hongkong
GASOLINE—116,895 bbls, 30,509,600 lbs, Loosdrecht, Yokohama-Nagasaki; 88,135 bbls, 23,003,240 lbs, Garonne, Nagaevo Bay
INFUSORIAL EARTH—200 bgs, 20,160 lbs, Gertrude Maersk, Manila
LACQUER, COLORED—(President Coolidge) 14,600 lbs, Manila; 1,570 4bs, Shanghai
THINNER—900 lbs, President Coolidge, Shanghai
LARD—45,920 lbs, Willmoto, San Juan
OIL, CASTOR—440 lbs, Gertrude Maersk, Hongkong
DIESEL—32,926 bbls, 10,272,910 lbs, Tachibana, Hikoshima-Nagasaki; 28,328 bbls, 8,838,340 lbs, Zuiyo, Tsurumi-Nagoya; 29,344 bbls, 9,155,330 lbs, Santa Maria, Balboa; 4,079 bbls, 12,726,650 lbs, Dagfred, Balboa; 75,505 bbls, 23,557,360 lbs, Varanger, Balboa
FUEL—26,282 bbls, 8,751,910 lbs, Zuiyo, Tsurumi-Nagoya; 49,212 bbls, 16,387,600 lbs, Santa Maria; 25,280 bbls, 8,421,240 lbs, La Placentia, Vancouver; 19,598 bbls, 6,526,130 lbs, Varanger, Balboa; 20,060 bbls, 6,666,440 lbs, Trodanger, Havre; 25,000 bbls, 8,325,000 lbs, Eagle, Cordova
LUBRICATING—120 cs, 40 dms, Penrith Castle, Manila
ORANGE—100 lbs, President Coolidge, Manila
SALAD—6,500 lbs, President Coolidge, Manila
PAINT, LIQ—1,000 lbs, President Coolidge, Hongkong
THINNER—950 lbs, President Coolidge, Manila
PECTIN, CITROUS—(Europa) 3,500 lbs, London; 1,000 lbs, Rotterdam
PETROLEUM, CRUDE—51,384 bbls, 16,031,810 lbs, La Placentia, Ioco
POTASH, MURIATE—5,000 bgs, 1,102,030 lbs, President Coolidge, Yokohama
RUBBER COMP—600 lbs, President Coolidge, Hongkong
SCOURING COMP—(President Coolidge) 38,060 lbs, Manila; 560 lbs, Hongkong
SOAP, LIQ—2,440 lbs, President Coolidge, Manila
TITANIUM OXIDE—4 bbls, 1,200 lbs, Gertrude Maerck, Hongkong
TOILET PREPS—(President Coolidge) 1,000 lbs, Manila; 1,000 lbs, Hongkong

New Orleans Exports

Clearance Dates

Boschdijk, October 3; Burgerdijk, October 15; Friesland, October 6; Hagen, September 30; Lindvangen, September 29; Louisiane, October 1; Narbo, October 7; Nemaha, October 1; Tripp, October 3; Wiegand, September 30; Woensdrecht, October 13

ASPHALT—(Burgerdijk) 20 tons, Antwerp; 5 tons, Rotterdam; (Narbo) 75 tons, London; 15 tons, Hull; 1,004 sks, Hagen, Hamburg; 10 tons, Tripp, Manchester

BENZOL—(Woensdrecht) 1,539 tons, Havre; 1,200 tons, Avonmouth; 3,409 tons, Antwerp

BLACK, CARBON—(Boschdijk) 40 tons, London; 5 tons, Antwerp; (Burgerdijk) 66 tons, London; 14 tons, Antwerp; 5 tons, Rotterdam; 5 tons, Amsterdam; (Louisiane) 128 tons, Havre; 10 tons, Antwerp; 14 tons, Nemaha, Havre; (Narbo) 52 tons, London; 78 tons, Hull; (Wiegand) 45 sks, Brisbane; 11 cs, 180 sks, Sydney; 289 cs, Melbourne; 6 cs, Adelaide; (Hagen) 2,320 sks, Bremen; 1,068 sks, 290 cs, Hamburg; 4,500 sks, 109 cs, Bremen-Hamburg; 1 cs, Friesland, Kobe; (Tripp) 40 tons, Liverpool; 22 tons, Manchester

CLAY—10 tons, Louisiane, Havre; 773 sks, Hagen, Hamburg

GROUND—54 tons, Boschdijk, Rotterdam; (Burgerdijk) 54 tons, London; 17 tons, Antwerp; 54 tons, Narbo, London; (Wiegand) 44 sks, Sydney; 27 tons, Tripp, Manchester

COCOA WASTE—18 tons, Boschdijk, Amsterdam

FIRECLAY—2 tons, Boschdijk, Bombay; 2 tons, Burgerdijk, Rotterdam; 50 pkgs, Lindvangen, La Guaira

GASOLINE—(Lindvangen) 100 dms, Port au Prince; 40 dms, Willemstad

LARD—25 cs, Lindvangen, Port au Prince; 20 tons, Tripp, Manchester

OCHER—20 tons, Louisiane, Dunkirk

OIL, LUBRICATING—(Boschdijk) 60 tons, London; 33 tons, Amsterdam; (Burgerdijk) 22 tons, Rotterdam; 33 tons, Amsterdam; 44 dms, Louisiane, Havre; 14 tons, Nemaha, Dunkirk; (Narbo) 34 tons, London; 5 tons, Hull; (Friesland) 400 dms, Yokohama; 197 dms, Kobe; (Tripp) 12 tons, Liverpool; 27 tons, Manchester

PAINT—3 dms, Wiegand, Melbourne

PARAFFIN—43 tons, Boschdijk, London; 33 tons, Burgerdijk, Antwerp; 12 tons, Narbo, London; 94 tons, Tripp, Manchester

PETROLEUM—39 tons, Boschdijk, Rotterdam

PINETAR—28 dms, Wiegand, Sydney; 22 tons, Tripp, Liverpool

PITCH—20 bbls, Wiegand, Melbourne

ROSIN—2 tons, Louisiane, Antwerp; 400 tons, Friesland, Osaka; 60 dms, Lindvangen, La Guaira

GUM—(Wiegand) 15 bbls, Brisbane; 25 dms, Melbourne

SOAPSTOCK, COTTONSEED—24 tons, Tripp, Manchester

SODA—250 dms, Wiegand, Sydney

STARCH—10 sks, Wiegand, Sydney

SULPHUR, CRUDE—800 tons, Narbo, London

TOBACCO EXTRACT—128 bbls, Hagen, Bremen

TRIPOLI—10 sks, Wiegand, Sydney

TULUOL—250 tons, Woensdrecht, Antwerp

TURPENTINE—(Wiegand) 10 dms, 50 cs, Brisbane; 30 dms, Sydney; 10 dms, Melbourne; 40 cs, Adelaide

WAX—250 sks, Hagen, Hamburg; 41 tons, Tripp, Liverpool

Norfolk Exports

Clearance Date

City of Havre, October 16

COHOSH ROOT, BLACK—5 bgs, 660 lbs, City of Havre, Hamburg

MEDICINAL PREPS—40 pkgs, City of Havre, London

MICA, GRD—15 bgs, 1,500 lbs, City of Havre, London

PULVERIZED—260 bgs, 26,260 lbs, City of Havre, London

OIL, CEDARWOOD—7 dms, 3,364 lbs, City of Havre, Hamburg

OLEO STOCK—60 trs, 41,897 lbs, City of Havre, Hamburg

PETROLATUM—10 dms, 5,024 lbs, City of Havre, Havre

PINETAR—14 dms, 7,315 lbs, City of Havre, Hamburg

POTASH, BROMIDE—240 cs, 32,200 lbs, City of Havre, London

TANNING EXTRACT, POWD—75 bgs, 11,250 lbs, City of Havre, Hamburg

WITCH HAZEL LEAVES—6 bls 2,425 lbs, City of Havre, Hamburg

Philadelphia Exports

Clearance Dates

Barbara, October 22; Capillo, October 16; Chemnitz, October 21; City of Salisbury, October 19; Cornwall, October 19; Heroy, October 23; Keelung, October 16; Kolsnaren, October 22; Lehigh, October 22; Livenza, October 17; Nankai, October 30; Noshiro, October 22; San Bernardino, October 21; Scannpenn, October 17; Vancouver, October 24; Vera, October 20; Waukegan, October 22; West Cawthon, October 17

ALCOHOL, ETHYL—100 bbls, Barbara, San Juan

ALUMINA, SULPHATE—800 bgs, City of Salisbury, Shanghai

ASPHALT—2,393 dms, City of Salisbury, Manila

BLACK, BONE—5 bgs, 11 dms, Cornwall, Sydney

CAMPHOR, GR'D—8 dms, West Cawthon, Durban

CASSAVA FLOUR—80 bgs, Lehigh, Glasgow

CEMENT, FURNACE—12 bbls, Scanpenn, Gothenburg

RUBBER—1 dm, Capillo, Buenos Aires

CHEMICALS—1 dm, West Cawthon, Durban

CLAY—1 pl, Chemnitz, Niederoestrvic

CLEANING COMP—(San Bernardino) 1 cs, Fort Randolph; 1 cs, Albrook Field

COALTAR—60 dms, San Bernardino, Cristobal

COCOA BUTTER—15 cs, Nankai, Yokohama

DICHLORODIFLUOROMETHANE — 2 cyls, Scanpenn, Gothenburg

DRUGS, CRUDE—3 bbls, 11 kegs, Chemnitz, Hamburg

DYEWOOD EXTRACT—7 bbls, Lehigh, Liverpool

GASOLINE—(Keelung) 1,000 bbls, East London; 1,000 bbls, Port Natal; 1,000 bbls, Lourenco Marques; 78,205 bbls, Vera, Santos; 67,856 bbls, Vancouver, Havre

GREASE—5 dms, Capillo, Buenos Aires

LUBRICATING—(Keelung) 70 cs, 130 bckts, Capetown; 50 bckts, Port Elizabeth; 50 cs, East London; 175 bckts, 40 dms, 40 cs, Port Natal; 38 cs, 10 dms, Lourenco Marques; 8 bbls, Livenza, Genoa; (Cornwall) 3 dms, Sydney; 32 pls, Melbourne; 20 dms, 42 bbls, 60 cs, 95 bckts, Vera, Santos; 4 crtns, 1 dm, 4 bxs, City of Salisbury, Manila; (San Bernardino) 5 dms, 4 cs, Bogota; 2 dms, Cali; 1 dm, Lehigh, Dublin; 100 dms, Noshiro, Osaka

ILMENITE—187 bgs, Lehigh, Manchester

INSECTICIDE — (San Bernardino) 62 crtns, Panama City; 24 crtns, Colon

LICORICE MASS—10 cs, Scanpenn, Copenhagen; 10 cs, Kolsnaren, Gothenburg; 25 cs, Lehigh, Glasgow

LINSEED CAKE—1,575 bgs, Waukegan, Dublin

MENTHOL CRYSTALS—19 cs, West Cawthon, Durban

NAPHTHA, PETROLEUM—2 dms, Capillo, Buenos Aires

OIL, ENGINE—50 dms, Nankai, Osaka; 45 bbls, Lehigh, Liverpool

ESSENTIAL—2 cs, West Cawthon, Durban

LUBRICATING — (Keelung) 125 cs, 825 dms, 1,125 pkgs, Capetown; 640 dms, 35 cs, 910 pkgs, Port Elizabeth; 325 dms, 45 cs, 675 pkgs, East London; 270 cs, 1,869 dms, 2,168 pkgs, Port Natal; 1,975 dms, 679 cs, 8,905 pkgs, Lourenco Marques; 145 cs, 235 dms, 590 pkgs, Beira; (Scanpenn) 35 dms, Gothenburg; 25 pkgs, 65 dms, Copenhagen; 25 bbls, Stockholm; 5,419 bbls, 450 pkgs, Livenza, Genoa; (Cornwall) 99 dms, 1 bbl, 1 cr, 1 bx, Sydney; 55 dms, 20 pkgs, Melbourne; 30 dms, 1,067 pkgs, Adelaide; 5 dms, 1,272 pkgs, Brisbane; 1,090 pkgs, Fremantle; 28 pkgs, Rockhampton; 25 pkgs, Port Pirie; 50 pkgs, Cairns; 41 pkgs, Townsville; (Vera) 470 dms, 380 cs, 740 crtns, Santos; 200 dms, Rio de Janeiro; 25 dms, 20 crtns, Paranagua; (Nankai) 33 dms, Osaka; 113 dms, 1 bx, kobe; 184 dms, Shanghai; (City of Salisbury) 114 crtns, 260 dms, 99 pkgs, Manila; 50 pkgs, Cebu; 500 pkgs, Hongkong; 628 pkgs, Shanghai; (San Bernardino) 40 dms, 14 cs, Bogata; 3 bbls, Barranquilla; 70 dms, Cali; 5 dms, Alajuela; 4 crtns, Colon; (Chemnitz) 3 cs, Prague; 620 bbls, 300 dms, 211 pkgs, Hamburg; 10 pkgs, Giurgiu; 56 pkgs, Almas Fuzito; 45 pkgs, Vienna; (Kolsnaren) 784 pkgs, Gothenburg; 282 pkgs, Malmo; 145 pkgs, Norrkoping; 103 pkgs, Helsingborg; 93 pkgs, Sundsaval; 982 pkgs, Stockholm; 392 pkgs, Helsinki; (Lehigh) 57 dms, Manchester; 65 dms, Belfast; (Noshiro) 70 dms, 490 pkgs, Yokohama; 460 pkgs, Kobe; 70 pkgs, Moji; 10 pkgs, Dairen

MEDICINAL—1 cs, Scanpenn, Copenhagen; 1 cs, Chemnitz, Prague

NEATSFOOT—15 bbls, Chemnitz, Hamburg

PAINT—1 cs, 19 dms, 31 pls, Capillo, Buenos Aires; 1 dm, 2 bxs, City of Salisbury, Manila

PARAFFIN—1 bx, Cornwall, Sydney; 827 bgs, Nankai, Dairen; (City of Salisbury) 605 bgs, Hongkong; 306 bgs, Shanghai; 100 bgs, San Bernardino, Port Limon; (Lehigh) 846 bbls, Manchester; 213 bbls, Liverpool; 212 bbls, Dublin; 1,745 bgs, Noshiro, Dairen

PETROLATUM—25 cs, Lehigh, Glasgow

POLISH, FURNITURE—(San Bernardino) 30 crtns, Panama City; 8 crtns, Colon

POMACE, APPLE—56 bgs, Chemnitz, Hamburg

SAND, FILTER—200 bgs, Livenza, Genoa

PREPARED—5 bbls, Cornwall, Sydney

SILICON CARBIDE—2 kegs, Cornwall, Brisbane

SODA ASH—4 dms, 1 bx, Cornwall, Sydney; 6 dms, City of Salisbury, Manila

SUPERPHOSPHATE—9,206,520 lbs, Heroy, Quebec

TANNING EXTRACT, LIQ—(Lehigh) 20 bbls, Manchester, 50 bbls, Glasgow

TRICHLORETHYLENE—1 dm, San Bernardino, Cristobal

WAX—129 bbls, Lehigh, Manchester

San Francisco Exports

Clearance Dates

Golden Dragon, September 29; Golden Sun, September 28; Golden West, September 26; Hauraki, September 26; Loch Goil, September 29; President Adams, September 26; Rosebank, September 29; Steel Exporter, September 28; West Mahwah, September 26

ABRASIVE CLOTH—17 crts, President Adams, Manila

PAPER—6 crts, President Adams, Cebu

ACID, BORIC—15 bbls, Golden Sun, Tientsin; 15 bbls, Rosebank, Vancouver

SALICYLIC—1 cs, Golden West, New Zealand

AMMONIA ANHYD—(President Adams) 60 cyls, Singapore; 30 cyls, Manila

SULPHATE—20,321 sks, Golden Dragon, Manila

AMYL XANTHATE—12 drs, President Adams, Chinnampo

ANTISEPTIC—1 cs, President Adams, Saudi

APRICOT KERNELS—600 sks, Steel Exporter, England (Loch Goil) 755 sks, Holland; 50 sks, United Kingdom; 100 sks, Liverpool-London-Holland

ASPHALT—(President Adams) 3,000 dms, Singapore; 5 bbls, Hongkong; (Hauraki) 105 dms, Melbourne; 50 dms, West Mahwah, Montevideo; (Golden Dragon) 765 dms, Haiphong; 3,397 bbls, Saigon

EMULSIFIED—(President Adams) 10 bbls, Shanghai; 10 bbls, Shanghai

LIQUID—13 dms, President Adams, Bahrein

BAKING POWDER—6 cs, Hauraki, Papeete

BARIUM PEROXIDE—7 dms, Golden West, Australia

BENZIN—(Hauraki) 100 dms, Melbourne; 75 dms, Wellington; 15 dms, Auckland; 20 dms, Lyttleton; 150 dms, Sydney; 5 dms, Dunedin

BENZOL—2 cs, Golden Sun, Shanghai

BITUMEN—511 dms, Hauraki, Lyttleton

BITUMINOUS SOL—4 cs, President Adams, Shanghai

BLACK CARBON—20 sks, Golden Sun, Yokohama; 111 cs, Loch Goil, Holland

BLEACHING PREP—17 cs, President Adams, Bahrein

BORAX—100 cs, President Adams, Manila; 80 sks, 60 cs, Rosebank, Vancouver

CALCIUM—10 cs, Golden Sun, Tientsin

CHLORIDE—6 dms, President Adams, Al Khobar

CARBIDE—2 tins, Hauraki, Papeete

CARBON BISULPHIDE—50 bbls, West Mahway, Balboa

CEMENT, LIQ—1 cs, President Adams, Osaka; 1 cs, Hauraki, Wellington

RADIATOR—1 cs, Hauraki, Wellington

ROOF—1 cs, Hauraki, Dunedin

CHEMICALS—(President Adams) 3 cs, Bahrein; 1 sk, Singapore; 2 cs, Golden Sun, Dairen

CLEANING FLUID—15 cs, President Adams, Bahrein

CLEANSER—(President Adams) 3 cs, Al Khobar; 5 cs, Dairen; 5 cs, Golden Dragon, Bangkok

COALTAR INTERMEDIATES—8 dms, President Adams, Osaka

COCOA BUTTER—34 cs, Golden Sun, Darien

COCONUT, DESICCATED—5 cs, President Adams, Manila

COLLODION—2 cs, Golden West, New Zealand; 10 cs, Golden Sun, Shanghai

COLORS, CADMIUM—5 kegs, President Adams, Kobe

DRY—2 kegs, Hauraki, Papeete

FOOD—1 cs, President Adams, Singapore

OIL—5 cs, Golden Dragon, Bangkok

COPRA—(Loch Goil) 435 sks, Panama; 4,960 sks, England

DENTRIFICE—(President Adams) 10 cs, Hongkong; 16 cs, Penang

DYESTUFFS—20 dms, President Adams, Kobe

ENAMEL—5 cs, Rosebank, Vancouver

FERTILIZER, FISH—4,000 sks, Rosebank, Vaucouver

FIRE EXTINGUISHER CHARGES—11 cs, President Adams, Al Khobar

FLAVORING EXTRACT—1 cs, President Adams, Singapore

SYRUP—(President Adams) 1 cs, Dairen; 33 cs, Shanghai; 19 cs, Hauraki, Wellington; 1 cs, Golden Dragon, Saigon

FLY SPRAY—5 cs, Golden Dragon, Bangkok

GASOLINE—1 gl, Golden Sun, Osaka; (Hauraki) 5,019 cs, 1,529 dms, Papeete; 760 cs, 148 dms, Rarotonga; (Golden Dragon) 200 dms, Hongkong; 4,000 cs, 500 dms, Kohsichang

GINGER ROOT—36 sks, Golden West, Australia

GLASS, BROKEN—100,000 lbs, Golden Dragon, Hongkong, 64,000 lbs, President Adams, Hongkong

CLEAR—2 cs, President Adams, Al Khobar

DRAWN—56 pcs, President Adams, Manila

GLUCOSE—30 bbls, President Adams, Manila

GLUE, LIQ—1 cs, President Adams, Singapore

GREASE, LUBRICATING—(President Adams) 11 dms, Shanghai; 5 dms, Manila; 4 dms, Takao; 1 cs, Tokio; 77 dms, Singapore; 5 dms, Bahrein; 30 dms, kobe; (Hauraki) 15 dms, Melbourne; 2 cs, Rarotonga; 2 cs, Papeete; 20 dms, Auckland; 17 dms, Golden West, New Zealand; (Golden Sun) 70 dms, Kobe; 2 dms, 5 cs, 20 pls, Moji; 40 dms, Dairen; (Golden Dragon) 15 dms, Moji; 31 dms, Saigon; 90 dms, Yokohama; 8 dms, 5 cs, Bangkok; 89 dms, 90 pls, 120 cs, Rosebank, Shellburn

GRINDING COMP—1 cs, President Adams, Bahrein

GYPSUM, CALCINED—40 sks, President Adams, Manila

HAIR PREP—1 cs, President Adams, Singapore

HYDRAULIC LIQUID—1 cs, Hauraki, Wellington

HYDROGEN, PEROXIDE—(Hauraki) 75 cs, Auckland; 27 cs, Dunedin; 162 cs, Wellington; 45 cs, Lyttleton

INK, WRITING—(President Adams) 88 cs, Cebu; 271 cs, Hongkong

INSECTICIDE—1 cs, President Adams, Singapore; 4 dms, Hauraki, Melbourne; 2 cs, Loch Goil, Colombia

LIQUID—9 cs, President Adams, Bahrein

IRON OXIDE—2 cs, President Adams, Shanghai

KEROSENE—(Hauraki) 3,049 cs, 3 dms, Papeete; 100 cs, 30 dms, Rarotonga

LACQUER—1 cs, Hauraki, Auckland; 7 cs, Golden Dragon, Bangkok

THINNER—17 dms, President Adams, Calcutta; 1 dm, Golden Dragon, Bangkok

LARD SUBSTITUTE—2 cs, President Adams, Al Khobar; 4 cs, Golden Dragon, Bangkok

VEGETABLE—(West Mahwah) 2,500 tins, San Juan-Ponce-Mayaguez; 1,700 tins, San Juan; 750 tins, Mayaguez; 800 tins, Ponce

LUBRICANT, TRANSMISSION — 30 dms, President Adams, Shanghai

LYE—2 cs, President Adams, Bahrein

MARGARIN—(West Mahwah) 5,620 pkgs, San Juan; 800 pkgs, Mayaguez; 500 cs, San Juan-Ponce-Mayaguez; 300 cs, Ponce

MEDICINAL PREPS—1 cs, President Adams, Hongkong

METHYL ETHYL KETONE—141 dms, Golden Dragon, Yokohama

MINERAL SPTS—100 dms, Hauraki, Lyttleton

NAPHTHA—(Hauraki) 505 dms, Melbourne; 100 dms, Wellington; 15 dms, Auckland; 35 dms, Lyttleton; 100 dms, Sydney

NITROCELLULOSE—6 dms, Rosebank, Victoria

NITROUS OXIDE—1 crt, Rosebank, Victoria

OCHER—166 bbls, President Adams, Kobe

OIL, ABSORBER—(Golden Dragon) 1 cs, Hanoi; 1 cs, Saigon

CASTOR—1 cs, Golden West, New Zealand

CHINAWOOD—27 dms, West Mahwah, Buenos Aires

COCONUT—48 bbls, Hauraki, Lyttleton

CYLINDER—(President Adams) 10 bbls, Shanghai; 4 bbls, Singapore; 5 dms, Golden Sun, Moji

DIESEL—285 dms, Hauraki, Papeete; 500 dms, Golden Dragon, Kohsichang

FUEL—100 dms, Hauraki, Papeete

GRAPESEED—3 cs, Loch Goil, England

LUBRICATING—(President Adams) 195 dms, Shanghai; 45 dms, Manila; 137 dms, Bombay; 136 dms, Takao; 70 dms, 450 cs, Osaka; 200 dms, Kobe; 3 cs, Tokio; 251 dms, 3 cs, Singapore; 66 dms, 3 cs, Bahrein; 140 dms, 1 cs, Hongkong; 100 dms, Moji; (Hauraki) 51 dms, Dunedin; 16 dms, Wellington; 21 cs, 8 dms, Papeete; 357 dms, Melbourne; 103 dms, Auckland; 27 dms, Lyttleton; 10 dms, Sydney; 140 dms, 40 cs, Golden West, New Zealand; (Golden Sun) 475 dms, Kobe; 200 cs, 30 dms, Moji; 450 dms, Shanghai; 15 dms, Tientsin; 365 dms, 60 pls, Dairen; (Golden Dragon) 188 dms, Moji; 475 dms, Yokohama; 15 dms, Hongkong; 600 dms, Saigon; 530 dms, 5 cs, Bangkok; 800 dms, Manila; 60 dms, Iloilo; 130 dms, Cebu; 97 dms, Rosebank, Shellburn

MACHINE—1 cs, President Adams, Singapore; 25 cs, Rosebank, Shellburn

MOTOR—2 cs, Hauraki, Rarotonga

PINE—10 dms, Rosebank, Vancouver

PAINT—(President Adams) 31 pls, 85 kegs, 3 cs, Bahrein; 2 cs, Shanghai; 5 dms, 6 pls, 56 cs, Calcutta; 40 kegs, Manila; 1 cs, Hauraki, Papeete; 10 cs, Golden Sun, Tientsin; (Golden Dragon) 2 cs, Haiphong; 6 cs, 10 pls, Bangkok

PASTE—2 kegs, President Adams, Manila

PREPARED—21 cs, Golden Dragon, Bangkok; (President Adams) 18 cs, Izmir; 20 cs, Bahrein; 2 cs, Shanghai; 41 cs, Manila; (Hauraki) 1 cs, Rarotonga; 1 cs, Papeete; 1 cs, West Mahwah, Buenos Aires

THINNER—(President Adams) 4 dms, 2 pls, Shanghai; 3 cs, Bahrein; 5 cs, Izmir; 5 cs, Manila; 1 cs, Hauraki, Papeete; 1 dm, West Mahwah, Ponce; 3 dms, Rosebank, Vancouver; 1 cs, Golden Dragon, Bangkok

PASTE, ADHESIVE—35 pls, Rosebank, Vancouver

PERFUMERY—1 cs, President Adams, Singapore

PETROLEUM—(Hauraki) 290 dms, Melbourne; 150 cs, 102 dms, Auckland; 24 dms, 50 cs, Lyttleton; 150 cs, Dunedin; (Golden Sun) 50 cs, Shanghai; 50 dms, Moji; 500 dms, Hongkong; 50 dms, Saigon; 400 dms, 15 cs, Bangkok; 10 cs, Manila; 4 cs, President Adams, Giza; 470 dms, Kobe

DISTILLATE—20 dms, Hauraki, Rarotonga; 30 cs, Golden Dragon, Hongkong

PRODUCTS—1 cs, Golden Dragon, Hongkong

REFINED—(Hauraki) 149 cs, 20 dms, Rarotonga; 100 dms, Wellington; 1,000 cs, Papeete

SPIRITS—50 cs, Golden Dragon, Manila

PIMENTOS—30 sks, Golden West, Australia

POLISH, AUTO—3 cs, President Adams, Tientsin

FURNITURE — 4 cs, President Adams, Bahrein; 50 cs, Rosebank, Shellburn

METAL—13 cs, Hauraki, Papeete; 70 pkgs, Golden Sun, Shanghai; 94 cs, Golden Dragon, Manila

QUEBRACHO EXTRACT—165 sks, Hauraki, Wellington; 20 sks, Rosebank, Vancouver

RESIN, SYNTH — 1 dm, President Adams, Kobe

SALT—70 sks, 8 bls, Hauraki, Papeete; 2,040 tons, Rosebank, Vancouver

IODIZED — (Hauraki) 200 kgs, Lyttelton; 400 pkgs, Dunedin

PHOSPHATE—40 pkgs, Hauraki, Dunedin

SARDINE MEAL—1,578 sks, Loch Goil, Holland

SARSAPARILLA—3 bls, Golden West, Australia

SHELLAC—1 cs, Hauraki, Wellington

SOAP—5 pkgs, President Adams, Hongkong

GRANULATED — 10 cs, President Adams, Bahrein

LAUNDRY — (West Mahwah) 725 cs, San Juan; 200 cs, Ponce; 1,150 cs, Loch Goil, Curacao

PUMICE—4 cs, President Adams, Bahrein

SCOURING—1 cs, President Adams, Bahrein

TOILET—(President Adams) 4 cs, Bahrein; 7 cs, Al Khobar; 1 cs, Hauraki, Papeete

SODA—1 bbl, 25 cs, President Adams, Shanghai

ASH—1 bbl, 4 sks, Hauraki, Papeete

BAKING—1 cs, West Mahwah, San Juan

CAUSTIC—1 bg, Hauraki, Papeete

ETHYL XANTHATE—1 dm, Steel Exporter, England

SILICATE—(President Adams) 1,602 sks, 150 dms, Manila; 667 sks, Shanghai; (Rosebank) 10 dms, Victoria; 2,000 sks, 1 dm, Vancouver

SOLVENT—(Golden Sun) 95 dms, Osaka; 293 dms, Yokohama; 10 dms, Rosebank, Shellburn; (Loch Goil) 2 cs, 9 dms, Holland; 66 dms, England; 13 dms, Germany

SULPHUR—120 sks, Hauraki, Wellington

DIOXIDE—5 cs, 1 cyl, President Adams, Singapore

GROUND—(Hauraki) 67 sks, Lyttelton; 22 sks, Auckland; 27 sks, Golden West, New Zealand

FLOWERS—66 sks, Golden West, New Zealand

TALLOW—69 cks, President Adams, Bombay

TOILET PREPS — (President Adams) 1 cs, Bombay; 8 pkgs, Hongkong; (Hauraki) 1 cs, Auckland; 1 cs, Papeete

TURPENTINE—2 cs, President Adams, Bahrein; 1 dm, Hauraki, Lyttelton

SPIRITS—(Hauraki) 70 cs, Lyttelton; 10 cs, 1 dm, Dunedin

UMBER—1 cs, President Adams, Bahrein

VANILLA EXTRACT—7 cs, Hauraki, Wellington

VARNISH—1 dm, President Adams, Bahrein; (West Mahwah) 17 cs, Buenos Aires; 2 dms, Ponce; 5 cs, Golden Dragon, Bangkok

WASHING POWDER—5 cs, President Adams, Bahrein

WATER, MINERAL—400 cs, President Adams, Manila; 10 cs, West Mahwah, Rip Piedras

WAX—2 cs, President Adams, Calcutta

FLOOR—1 cs, Golden Sun, Tientsin

Savannah Exports

Clearance Dates

Mauna Loa, October 18; Peter Maersk, October 15; San Simeon, October 18

OIL, PINE—(Peter Maersk) 66 dms, Yokohama; 26 dms, Kobe

ROSIN, GUM—(Peter Maersk) 400 bbls, Yokohama; 350 bbls, Kobe; (San Simeon) 20 dms, La Paz; 20 dms, Cartagena; 197 dms, Buenaventura; 10 bbls, Eten; 10 bbls, 10 dms, Arequipa; 40 dms, Barquismeto; 100 dms, Bogota; 25 dms, 250 bgs, Medellin

TURPENTINE—10 dms, Peter Maersk, Kobe

GUM—30 cs, Peter Maersk, Kobe; 10 cs, San Simeon, Santiago

WOOD—(Peter Maersk) 30 dms, Yokohama; 91 cs, 220 dms, Shanghai

Tampa Exports

Clearance Dates

Daizy G, October 16; Heddernheim, October 13; Skramstad, October 18

GASOLINE—14 bbls, Daizy G, Belize

PHOSPHATE—3,360 tons, Heddernheim, Hamburg; 3,155 tons, Skramstad, Yokohama

Coastwise Shipments

Los Angeles Coast Trade

GASOLINE—51,274 bbls, Kekoskee, Seattle; 3,289 bbls, S & C No 41, San Diego; 71,714 bbls, Mojave, Portland

OIL, DIESEL—4,798 bbls, Kekoskee, Seattle; 1,373 bbls, S & C No 41, San Diego; 50,102 bbls, Kanawha, Bremerton; 3,179 bbls, Tejon, Portland; 7,019 bbls, Emidio, Seattle

FUEL—24,756 bbls, Paul Shoup, Portland; 64,940 bbls, La Brea, Tacoma; 50,604 bbls, Cuyama, San Diego; 73,617 bbls, Montebello, Seattle; 5,597 bbls, Mojave, Portland; 12,569 bbls, El Cedro, Seattle; 49,000 bbls, Neches, San Diego; 62,681 bbls, Tejon, Portland; 58,581 bbls, Emidio, Seattle

FURNACE—3,589 bbls, Mojave, Portland

New Orleans Coast Trade

SULPHUR—(Herman Frasch) 2,200 tons, Everett; 1,500 tons, Longview

San Francisco Coast Trade

ACID—165 crbys, Point San Pedro, Seattle 155 crbys, Wallingford, Portland, Ore

BORIC—11 tons, Walter A Luckenbach, New York

ALCOHOL ANTI-FREEZE—72 dms, Virginian, Seattle

ALUMINA SULPHATE—1,300 sks, Brookings, Portland, Ore 1,300 sks, West Notus, Portland, Ore 600 sks, Wallingford, Portland, Ore

APRICOT KERNELS—18 tons, Kansan, New York

ASPHALT—95 bbls, West Shipper, Portland, Ore

BLACK STRAP—70 dms, Hamlin F McCormick, Seattle 50 dms, Ernest H Meyer, Portland, Ore

BONE MEAL—500 sks, Point San Pedro, Seattle
1,200 sks, Wallingford, Portland, Ore
BRISTLES—138 cs, Virginia, New York
CARBON BISULPHIDE—62 dms, Hamlin F McCormick, Tacoma
CASEIN—15 tons, Georgian, Boston
22 tons, Walter A Luckenbach, Boston
700 sks, Hamlin F McCormick, Seattle
CASSIA—800 bls, Florence Luckenbach, New Orleans
CHILLIES—25 sks, Florence Luckenbach, Houston
CHLORINE BLEACH, LIQUID—1,200 cs, Brookings, Portland, Ore
4,000 cs, Georgian, New York
5,000 cs, Georgian, Port Newark
6,000 cs, Georgian, Philadelphia
200 tons, Florence Luckenbach, New Orleans
4,500 cs, Missourian, Philadelphia
600 cs, Point San Pedro, Seattle
800 cs, Wallingford, Portland, Ore
4,000 cs, Kansan, New York
CLEANER—1 bbl, 1 dm, 300 cs, 10 pls, Virginian, Seattle
COCONUT, DESIC—200 cs, Willmoto, Savannah
2,490 cs, Walter A Luckenbach, New York
100 cs, Walter A Luckenbach, Boston
485 cs, Walter A Luckenbach, Philadelphia
45,305 lbs, 66 tons, Virginia, New York
670 cs, Florence Luckenbach, New Orleans
165 cs, Florence Luckenbach, Mobile
105 cs, Florence Luckenbach, Houston
22 tons, Missourian, Charleston
30 cs, General Pershing, Portland, Ore
384 cs, Kansan, Norfolk
255 cs, Kansan, New York
CREAM TARTAR—14 tons, Kansan, Boston
EARTH, INFUSORIAL—400 sks, West Shipper, Portland, Ore
FISH MEAL—3,200 sks, Brookings, Portland, Ore
600 sks, Hamlin F McCormick, Seattle
4,000 sks, Ernest H Meyer, Portland, Ore
GLUE, DRY—45 tons, Georgian, Boston
18 tons, Walter A Luckenbach, New York
18 tons, Kansan, Norfolk
GREASE—92 tons, Missourian, New York
GUM, COPAL—135 sks, Missourian, New York
DAMMAR—70 sks, Hamlin F McCormick, Seattle
HEMPSEED—67 tons, Missourian, Philadelphia
HONEY—12 tons, Georgian, New York
50 tons, Virginia, New York
200 cs, Point San Pedro, Seattle
27 tons, Kansan, Norfolk
LARD, VEGETABLE—1,832 cs, Florence Luckenbach, New Orleans-Houston
MAGNESIA CARBONATE—14 tons, Kansan, Portland, Ore
MANURE, SHEEP—45 tons, Georgian, Philadelphia
MATCHES, SAFETY—50 cs, Florence Luckenbach, New Orleans
MILK POWDER—19 tons, Walter A Luckenbach, New York
16 tons, Virginia, New York
18 tons, Missourian, Charleston
OIL—2,000 pkgs, Hamlin F McCormick, Point Wells
1,500 pkgs, Ernest H Meyer, Willbridge
750 dms, 2,500 pkgs, Point San Pedro, Seattle
3,000 pkgs, Point San Pedro, Point Wells
500 pkgs, Wallingford, Portland, Ore
2,000 pkgs, West Shipper, Willbridge
CORE—14 tons, Virginia, New York
FISH—112 dms, Hamlin F McCormick, Seattle
FUEL—3,500 bbls, James Griffiths, Seattle
LUBRICATING—42 tons, Georgian, New York
13 tons, Georgian, Port Newark
96 tons, Virginia, New York
10 tons, Florence Luckenbach, New Orleans
42 tons, Kansan, New York
RAPESEED—68 tons, Virginia, New York
51 tons, Missourian, New York
OLEOMARGARIN—1,400 cs, West Notus, Portland, Ore
PAINT—500 pkgs, Point San Pedro, Tacoma
500 pkgs, Point San Pedro, Seattle
ASPHALTUM—14 tons, General Pershing, Portland, Ore
DRIER—17 tons, Walter A Luckenbach, Philadelphia
29 tons, Virginia, New York
EARTH—41 tons, Kansan, New York
PASTE—18 tons, Kansan, New York
PEANUTS—16 tons, General Pershing, Portland, Ore
PETROLEUM GAS, LIQUID—200 cyls, Wallingford, Portland, Ore
RAPESEED—125 sks, Florence Luckenbach, Houston
SALT—5,000 pkgs, Brookings, Portland, Ore
1,800 tons, James Griffiths, Tacoma
1,080 pkgs, 100 bbls, West Notus, Portland, Ore
1,000 pkgs, Hamlin F McCormick, Seattle
7,000 pkgs, Ernest H Meyer, Portland, Ore
2,000 pkgs, Point San Pedro, Tacoma
2,500 pkgs, Point San Pedro, Seattle
600 pkgs, Point San Pedro, Bellingham
2,000 pkgs, Wallingford, Portland, Ore
1,600 sks, Wallingford, Portland, Ore
1,500 sks, West Shipper, Portland, Ore
SAND—400 sks, West Notus, Portland, Ore
SOAP—10 bbls, 155 cs, Virginian, Seattle
2,000 cs, Point San Pedro, Seattle
18 tons, General Pershing, Portland, Ore
1,000 cs, Kansan, Norfolk
SODA ASH—26 tons, General Pershing, Portland, Ore
SILICATE—90 dms, Point San Pedro, Seattle
SUNFLOWER SEED—73 tons, Walter A Luckenbach, New York
15 tons, Florence Luckenbach, New Orleans
10 tons, Florence Luckenbach, Houston
TALC—200 sks, Florence Luckenbach, New Orleans
WASHING POWDER—23 bbls, Virginian, Seattle
WAX, REFD—235 sks, Brookings, Portland, Ore
VEGETABLE—50 cs, Kansan, Norfolk
XANTHATE—30 tons, Kansan, New York

Cargo Ship Arrivals

October 24 to November 6

New York

Aakre	Casablanca*	Nov 1
Agwistar	Vera Cruz*	Nov 4
Amapala	Vera Cruz	Oct 30
American Merchant	London	Nov 2
American Shipper	Liverpool*	Nov 2
American Trader	London*	Oct 26
Ancon	Cristobal*	Nov 6
Andrea Luckenbach	Portland*	Nov 2
Argosy	Gothenburg*	Nov 2
Azumasan	Singapore*	Oct 30
Basil	Para*	Nov 4
Belfast	Kobe*	Nov 3
Birmingham City	Honolulu*	Nov 2
Black Gull	Antwerp*	Nov 2
Black Osprey	Antwerp*	Oct 29
Borinquen	Trujillo*	Oct 26
Buenaventura	Port au Prince*	Nov 2
Calamares	Santa Marta*	Oct 29
Californian	Tacoma*	Oct 27
Carabobo	Curacao*	Oct 29
Cauto	Vera Cruz*	Oct 26
Champlain	Havre*	Nov 4
Chateau Thierry	San Juan*	Nov 4
Cherokee	San Juan	Nov 3
City of Hamburg	Hamburg*	Oct 28
City of Rayville	Manila*	Nov 6
City of Ripon	Calcutta*	Oct 28
Cliffwood	Gothenburg*	Oct 31
Coamo	Trujillo*	Nov 2
Coldbrook	Buenos Aires*	Oct 29
Colombia	Cristobal*	Nov 2
Consul Olson	Hernosand*	Nov 6
Conti di Savoia	Naples*	Nov 5
Cristobal	Cristobal*	Oct 26
Cubano	Buenos Aires*	Nov 3
Cumbal	Pisco*	Oct 28
Cypria	Marseilles*	Nov 4
Dagfred	Manila*	Oct 26
Dagrun	Buenos Aires*	Nov 6
Dakotan	Tacoma*	Nov 6
Deutschland	Hamburg*	Oct 30
Elg	Vancouver*	Nov 1
Ensley City	Hawillwill*	Nov 6
Europa	Bremen*	Nov 5
Everett	Tacoma*	Oct 27
Exmouth	Genoa*	Nov 6
Exochorda	Beirut*	Oct 28
Flora	Maracaibo*	Oct 26
Fort Amherst	St Pierre*	Nov 6
Fort Townshend	St Pierre*	Oct 29
Frode	Shields	Oct 30
Frost	Ilheos*	Oct 26
Garoufalia	Vancouver*	Oct 28
Georgian	San Francisco*	Oct 31
Gerolstein	Antwerp	Nov 5
Giulia	Trieste*	Oct 26
Hanover	Manila*	Nov 5
Harpoon	Seattle*	Oct 29
Henri Jaspar	Antwerp	Nov 5
Iriona	Santa Marta*	Nov 5
Isarco	Palermo*	Nov 6
Jane Christenson	Astoria*	Oct 31
Javanese Prince	Batavia*	Oct 31
Jean Jadot	Antwerp	Oct 26
Kansan	Portland*	Nov 3
Lagaholm	Barbados*	Oct 27
Lancastria	Liverpool*	Nov 2
Lara	Curacao*	Nov 5
Losmar	Portland*	Nov 1
Luna	Maracaibo*	Nov 2
Mahronda	Calcutta*	Nov 4
Manuela	San Juan	Nov 2
Marna	Busreh*	Oct 27
Martinique	Aux Cayes*	Oct 29
Missourian	Seattle*	Nov 5
Munargo	Havana*	Oct 29
Musa	Puerto Barrios*	Nov 5
Nako	Hongkong*	Oct 27
New York	Hamburg*	Nov 6
Oakmar	Portland*	Oct 31
Oriente	Havana	Oct 30
Pacific	Port Angeles*	Oct 27
Panaman	Portland*	Oct 26
Pastores	Cristobal*	Oct 26
Peten	Port Limon*	Nov 1
Platano	Puerto Barrios*	Oct 29
Ponce	San Juan	Oct 27
Porta	Bremen*	Oct 28
President Harding	Hamburg*	Nov 6
President Taft	Manila*	Nov 2
President Van Buren	Manila*	Nov 3
Quaker City	Liverpool*	Nov 2
Queen Mary	Southampton*	Nov 2
Raby Castle	Zamboanga*	Oct 30
Rigel	San Nicolas	Oct 26
Robin Hood	Mombasa	Nov 3
Rosario	San Juan	Oct 26
Sagadahoc	Capetown*	Nov 2
San Gabriel	Astoria*	Nov 3
San Vincente	San Francisco*	Nov 2
Santa Barbara	San Antonio*	Nov 3
Santa Rita	Valparaiso*	Oct 27
Sanyo	Manila*	Nov 5
Sawokla	Calcutta*	Nov 4
Scanstates	Gothenburg*	Nov 5
Schodack	Dunkirk*	Oct 31
Sea Glory	Bristol*	Nov 4
Seatrain Havana	New Orleans*	Oct 27
Seatrain New York	New Orleans*	Nov 3
Siboney	Vera Cruz*	Oct 27
Silverpine	Singapore*	Oct 27
Southern Prince	Buenos Aires*	Oct 29
Spaarndam	Rotterdam	Oct 29
Svanhild	Sundsvall*	Oct 28
Swinburne	Santos	Nov 5
Tai Yang	Manila*	Nov 2
Virginia	San Francisco*	Oct 26
Volendam	Rotterdam*	Nov 2
Walter A Luckenbach	Portland*	Oct 27
West Imboden	Buenos Aires*	Nov 5
Western World	Buenos Aires*	Nov 4
William A McKenney	Portland*	Nov 1
Yucatan	Vera Cruz*	Nov 3

* And other ports

Recent Charters

PETROLEUM—9,000 tons, S S J P Pedersen, dirty, Aruba, Curacao, Trinidad, United Kingdom, Continent, 5s 4½d; October
9,000 tons, S S Irmo, dirty, Venezuela, United States, North of Hatteras, four trips, commencing November, 16c
5,000 tons, S S Solheim, Constanza, Danzig, gas oil, 11s 6d, with 5,000 tons, Constanza, Hamburg, gas oil, 8s 6d; November
10,000 tons, S S Varanger, dirty, San Pedro, Balboa, 22c; October 10
11,500 tons, S S Norbis, dirty, Constanza, United Kingdom, Continent, 8s 6d; November 10-25
13,000 tons, S S Anna Knudsen, dirty, Aruba, Curacao, Trinidad, United Kingdom, Continent, 8s 6d; November
10,500 tons, S S Teddy, dirty, Venezuela, 4s 9d; Tampico, United States, North of Hatteras, 3s 3d; two-three trips, commencing November 1-15
9,000 tons, S S Gylfe, dirty, California, Japan, 11s; November
9,000 tons, S S Senator, clean, Talara, Chile, 7s 9d; followed by Talara, Aruba, 8s 6d; November
6,500 tons, S S Vassos, Solar oil, Houston, Bergen, Kristiansund N, 13s 6d; October
7,500 tons, S S Duivendrecht, clean, Constanza, Antwerp, Hamburg Range, 8s 4½d; November
8,000 tons, S S Liss, dirty, Aruba, Dakar, 7s; followed by Aruba, Eastern Mediterranean, 10s, option of third voyage, Constanza, Port Said, 5s
2,600 tons, S S Nautilus, clean, Constanza, North Africa or French Mediterranean, £1,600; October 10-20
11,000 tons, S S Grena, clean, Aruba, Curacao, United Kingdom, Continent, 8s 6d; November
9,000 tons, S S Karabagh, clean, Gulf, French Atlantic, 11s 3d; November
8,000 tons, S S Markland, clean, Gulf, French Atlantic, 11s 3d; November 1-16

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administrations that products offered for import were adulterated or misbranded under the Federal food and drugs act or did not comply with other customs regulations included the following articles for the reasons stated:—

New York

Week Ended October 28

Balsam, 10 cases; restricted use.
Caraway seed, 100 bags; excess acid-insoluble ash.
Chlorophyl, technical, 6 cases; restricted use.
Cinchona, 8 cases; not U.S.P.
Codliver oil, 30 drums; not U.S.P.
Coriander seed, 300 bags; filthy, not National Formulary.
Cumin seed, 82 bags; filthy.
Dandelion root, 6 bales; moldy and worm-eaten.
Fennel seed, 50 bags; filthy.
Fish oil, 43 drums; restricted use.
Gelatin, 20 bags; contains arsenic, lead, zinc.
Locust bean, 325 cases; worm-eaten.
Myrrh gum, 6 cases; excess acid and insoluble ash.
Medicinal preparations, 3 cases; false therapeutic claims.
Magnesium carbonate, 400 bags; not U.S.P.
Orchil, technical, 4 casks; restricted use.
Quinine sulphate, 10 cases; not U.S.P.
Stramonium leaves, 113 bales; not U.S.P.

Boston

Week Ended October 28

Insecticide, 1 case; not labeled to show inert ingredients; misleading statements in labeling.
Corn flowers, red, 8 bales; filthy, not corn flower.
Medicinal preparations, 8 cs., false therapeutic claims.

Los Angeles

Week Ended October 22

Insect powder, 10 cases; misbranded as to efficacy claims and ingredient statements.
Medicinal preparations, 4 pieces; acetphenetidin not declared.
Medicinal preparations, 7 pieces; false therapeutic claims.

Philadelphia

Week Ended October 28

Codliver oil, 100 drums; not U.S.P.
Cod oil, technical, 100 barrels; restricted use.
Medicinal preparations, 2 cases; false therapeutic claims.

San Francisco

Week Ended October 22

Kelp tea, 16 cases; false therapeutic claims.
Medicinal preparations, 2 pieces; false therapeutic claims.

Foreign Trade Openings

Correspondence in regard to any of the following foreign trade opportunities should be addressed to the Bureau of Foreign and Domestic Commerce, Washington, or to any district or cooperative branch office of the bureau, and not to this publication. When writing, give the number of the item:—

Aluminum foil:—Purchase, Montreal, Canada (1810).
Aluminum foil for confectionery wrapping:—Agency, Johannesburg, South Africa (1802).
Antimony regulus:—Purchase, Dresden, Germany (1811).
Asphalt:—Purchase and agency, Prague, Czechoslovakia (1789).
Carbon black:—Purchase or agency, Amsterdam, Netherlands (1891).
Ceramic colors, and aluminum potassium sulphate:—Agency, Brussels, Belgium (1812).
Dyestuffs for textiles, fibers, and leather:—Agency, Brussels, Belgium (1812).

U. S. Revenue: September

Collection of excise taxes by the Bureau of Internal Revenue, Washington, for September, 1936, compared with September, 1935, as follows:—

Taxes Collected

	September 1936.	September 1935.
Distilled spirits, domestic excise tax $2 per gallon	$18,571,524.91	$17,463,068.78
Distilled spirits, imported, excise tax $2 per gallon	1,817,659.82	1,301,699.88
Distilled spirits, rectification tax, 30c. per gallon	834,939.77	605,830.47
Gasoline	18,949,475.86	16,054,296.75
Lubricating oils	2,512,321.08	2,364,540.90
Matches	538,429.01	704,758.19
Narcotics, including special taxes	14,412.41	21,037.46
Oleomargarin, excise taxes	92,715.50	84,412.25
Oleomargarin, special taxes	43,329.48	30,486.48
Toilet preparations, etc.—At 5 percent	582,086.89	278,136.84
At 10 percent	591,362.46	618,545.53
Transportation of oil by pipeline	937,531.14	669,502.14
Total internal revenue	$467,641,848.61	$366,200,116.30

Quantities Taxed

	September 1936.	September 1935.
Distilled spirits, domestic, tax gallons	9,272,115	8,730,473
Distilled spirits, imported, tax gallons	908,830	650,850
Distilled spirits, rectified, proof gallons	2,783,132	2,019,435
Oleomargarin, colored, pounds	67,600	83,798
Oleomargarin, uncolored, pounds	34,358,200	32,406,500

Oils, Fats and Waxes

(Continued from page 41)

Fats and Greases

Grease.—The market was firmer, spot quotations being about ⅛c. to ¼c. higher with a somewhat better inquiry noted, though consumers were disinclined as a rule to purchase to any material extent in advance of current needs.

Lard.—Changes in cash quotations were generally within rather moderate limits in the absence of wide fluctuations in futures in Chicago, where speculative operations were quieter than in recent preceding weeks. Business here was on a fair scale. Receipts of hogs in Western markets continued liberal, but the weight of the hogs showed a further decrease.

Stearin.—The market had an easier tone in the absence of any improvement of consequence in demand. Quotations were 9c. to 9¼c. per pound.

Tallow.—Quieter conditions prevailed, but the market retained a firm tone. Occasional inquiries were noted for small or moderate quantities, but large consumers were inclined to hold off for further developments. The last business reported here was at 7c. per pound for extra delivered. The market in the West was firm with reports of transactions in prime packers at 7¼c., Chicago and Mid-Western points. There was no auction of tallow in London last week. The local market for tallow futures was quieter.

Following is a record of the market for tallow futures on the New York Produce Exchange from October 24 to October 30, inclusive:—

	Cents per lb. in tanks—High.	Low.	Close.	Sales. Tanks.
November	...	...	7.00 nom.	..
December	...	...	7.10@ 7.19	..
January	...	...	7.10@ 7.30	..
February	...	...	7.25 nom.	..
March	...	...	7.30@ 7.50	..
April	...	...	7.35@ 7.60	..
Total sales				...

Markets at Other Centers

Chicago, Oct. 30.—With the buying trade apparently looking for continued concessions in price, tone in the cash lard dealings has been much toward the easy side recently, with price levels reflecting the generally bearish, or at least sceptical, viewpoint. In this, the easiness in the futures market is being reflected. Statistics are considered as giving little encouragement to sellers.

The range of lard quotations from the opening Saturday, October 24, to the close Friday, October 30, is shown in the following table:—

	Per 100 pounds—Open.	High.	Low.	Close.	Previous Friday.
Cash	$11.47	$11.47	$11.22	$11.22	$11.47
Dec.	11.47	11.47	11.32	11.32	11.47
Jan.	11.57	11.52	11.42	11.42	11.60

TALLOWS (tierces).—Edible, 8½c. to 8¾c. per pound; prime, 7½c. to 7⅝c.; fancy, 7¼c. to 7½c.; prime renderers', 6⅞c. to 7c.; No. 1, 6¾c. to 7c.

GREASES (tierces).—Choice white, 7½c. to 7⅝c. per pound; A white, 7c. to 7¼c.; B white, 6⅝c. to 6¾c.; yellow, 10-15, 6¾c. to 6½c.; yellow, 16-20, 6½c. to 6¼c.; brown, 5¾c. to 6c.

STEARINS (barrels).—Prime oleo, 9c. to 9¼c. per pound; lard, packages, 11½c. to 11¾c.; A white grease, 7c. to 7¼c.; yellow grease, 6½c. to 6¾c.; extra oleo stocks, 10½c. to 11c.; No. 2 stocks, 9½c. to 10c. (Oleo stocks in car lots.)

Liverpool, Oct. 30.—Quotations per cwt. on refined American lard were as follows:—

	Spot. s.	d.	October. s.	d.	January. s.	d.
Saturday	60	6	54	6	53	9
Monday	60	6	54	3	53	6
Tuesday	60	6	54	3	52	9
Wednesday	60	6	53	9	53	0
Thursday	60	0	54	3	52	9
Friday	60	0	54	0	52	9

Liverpool, Oct. 30.—Quotations per cwt. on tallow were as follows:—

	Choice. s.	d.	Fine, good mixed. s.	d.
Saturday	24	9	23	3
Monday	24	0	23	3
Tuesday	24	0	23	3
Wednesday	24	0	23	3
Thursday	24	0	23	3
Friday	24	0	23	3

Fatty Acids

Red Oil.—Raw material was firmer but quotations on red oil were unchanged, the tone of the market being firm. Business lacked snap, but there was a fair demand for moderate quantities.

Stearic Acid.—Quotations were stationary but the tone of the market appeared to be firmer owing to the strength of basic material. Consumers were generally disposed to adhere to a conservative course in purchasing operations.

Markets at Other Centers

Chicago, Oct. 30.—Slightly easier price tendencies have developed in some sections of the fatty acids market, but for the most part the price structure holds mod-

erately firm. Some sellers say they are having little trouble in booking a satisfactory amount of business.

FATTY ACIDS.—Corn oil, double distilled, 6½c. to 7c. per pound, tankcar; 7c. to 7½c., barrels, car lots; 7½c. to 7¾c., barrels, less than car lots; coconut oil, acidulated, 6¼c. to 6¾c. per pound, tankcar, partly nominal; 6¾c. to 7¼c., barrels, car lots; 7¼c. to 7¾c., barrels, less than car lots; settled cottonseed soap stock, 60-62 percent basis, 3¼c. to 3½c.; boiled down soap stock, 65 percent basis, 4¼c. to 4½c.; cottonseed foots, 50 percent basis, 2c. to 2½c.

STEARIC ACID.—Single press, distilled, 10c. to 11c. per pound; double press, 10½c. to 11½c.; triple press, 11¼c. to 14¼c.

RED OILS. — Distilled or saponified, drums, 10c. to 11c. per pound; barrels, 10½c. to 11½c.

Waxes

Bees. — While new business in crude wax was not particularly active, the call for refined yellow and bleached wax continued to be very good and the result was generally firm prices. Undertones in all foreign markets were declared to be very firm and values were well maintained at the sources of supplies. The Egyptian government, acting through the Bee-keeping Section of the Egyptian Ministry of Agriculture, is prompting a larger activity in beeswax for export. At present, there are 400,000 hives of the mud type and about 5,000 hives of modern construction. Total exports of wax during the first six months of this year were 55 metric tons, of which quantity 84 percent came to the United States.

Candelilla. — Irregular demand but fairly steady market conditions were reported on this item last week. Buyers were somewhat reserved, their needs being moderate in size and filled mainly out of warehouse stocks in their possession.

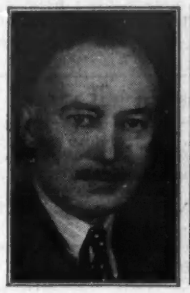
Carnauba. — Spot prices were lower in keeping with the absence of normal demand and the consequent development of softness of values under competition. New quotations were: No. 1 yellow, ton lots, 45c. to 45½c. per pound; 5 bag lots, 45½c. to 46c.; 1 bag lots, 46c. to 46½c.; No. 2 yellow, 44c. to 45c.; No. 2 North Country, 38½c. to 39c.; No. 3 North Country, ton lots, 34½c. to 35c.; 5 bag lots, 35c. to 35½c.; 1 bag lots, 35½c. to 36c. No. 3 chalky, ton lots, 34c. to 34½c.; 5 bag lots, 34½c. to 35c. 1 bag lots, 35c. to 35½c. refined 39c. to 40c.

Japan. — Somewhat irregular demand prevailed, the call coming mainly from consumers of the article whose requirements usually do not exceed those of jobbing proportions. Prices held unchanged in keeping with the firm position of the primary market.

Armour Appoints Two Laboratory Executives

Appointment of S. B. Bradshaw, as manager, and Dr. E. F. Pike, as technical director, is reported by the Armour Laboratories.

Mr. Bradshaw, a chemist by profession, has been connected with Armour & Co. in London, England, for several years. One of his accomplishments there was the perfection of a new technique for sterlizing surgical ligatures, which was accepted by the British Ministry of Health. This process has now been adopted by Armour & Co. in Chicago.



S. B. Bradshaw

Dr. E. F. Pike

Dr. Pike is a nationally known chemist and former member of the faculty of the Towne Scientific School. His work in developing new industrial processes for various industries has taken him to 14 European countries, Canada, Mexico and South America.

A. C. Henderson, sales manager of the Armour pharmaceutical lines for many years, has retired on pension.

Oil Trades' Largest Banquet

The twentieth annual banquet of the Oil Trades Association of New York was held October 27 in the grand ballroom of the Waldorf-Astoria hotel. The affair was the largest in the history of the association, more than 1,000 members and guests being present. Representatives of all branches of the trade attended, including delegations from the Oil Trades Associations of New Jersey and the Philadelphia Oil Trades Association. Dinner was served at 8 p.m. and was preceded by a reception and followed by a vaudeville entertainment and a social gathering.

Derrick Wins DeLore Painting

Ferd Derrick, president of the Perry & Derrick Varnish Company and former president of the Cincinnati Paint, Varnish & Lacquer Association, won the oil painting accompanying the Delore golfing trophy which golfers of the Cincinnati Paint Golf Club won for having the lowest net score during the playing season. The game was played at the Hyde Park Country Club, October 27. Mr. Derrick completed the eighteen holes with a net 69. Other players who participated were:—Reuben Perrin, George E. Todd, E. J. Bradley, Ernest Wrampelmeier, M. A. Hughes, Guy Stratsman, B. H. Roettker and Patrick Armstrong.

Paint Groups Pledge $30,000 In Aid of Jewish Charity

Donations to the Federation for the Support of Jewish Philanthropic Societies of New York totaling $30,000, were pledged at a dinner of the paint, varnish, oil and chemical division of the federation, according to Michael J. Merkin, of the M. J. Merkin Paint Company, chairman of the division.

Seventy representative members of the industry attended the dinner which marked the opening of a drive to enlist the support of the trade for the federation's campaign to raise a deficit of almost $3,000,000. The campaign begins this month. David H. Litter, of the D. H. Litter Company, was chairman of the meeting.

Davison Chemical Net $184,311 in Six Months

The Davison Chemical Corporation, successor to the Davison Chemical Company, reports for the six months ended June 30, net income of $184,311, after depreciation, possible losses on receivables created during the period, and Federal income taxes, equivalent to 36 cents a share on 510,993 capital shares. As the company was formed last year, and took over the assets of its predecessors, comparative figures are not available.

According to the balance sheet, as of June 30, current assets were $6,293,381, including $2,777,915 cash; current liabilities, $592,876; total assets, $11,879,041; and capital and surplus, $9,511,138. The only fixed debt is $1,700,000, represented by five-year notes maturing December 31, 1940.

Chester F. Hockley, president, states that the average prices in the fertilizer industry during the period were much lower than for several years past, but that a large amount of tonnage, lost during the receivership, was recovered. He added that a number of idle and unproductive properties had been sold and others not required in the regular operations of the business would be liquidated as rapidly as possible. Before the end of the present fiscal year, Mr. Hockley said, it is expected that all subsidiaries will be merged into the Davison Corporation, effecting simplification and economy of operations. Development of new products is under consideration, to provide a more uniform volume of business throughout the year and offset the highly seasonal fertilizer business.

Coaltar Dyes Strength Standards Approved

The Customs Bureau has approved, as of September 23, a supplementary list of standards of strengths of imported coaltar dyes and colors which have been adopted under the provisions of paragraph 28 of the 1930 tariff act. The list follows:—

Std. No.	Class index.	Name of standard.	Mfr.	Partial list of trade names of imported products commercially identical with each standard.	Mfr.
1 BQ	(M)	Acid chrome red B	(By)	Acid chrome red B	(IG)
2 BQ	(A)	Acid violet 6 BN	(J)	Acid violet 6 BNO	(J)
				Acid violet 6 BN conc.	(J)
3 BQ	(A)	Acid violet CBB	(B)	Acid violet CBB	(IG)
				Acid violet 5R conc.	(P)
				Acid violet RN 565 conc.	(G)
4 BQ	(A)	Alizarine sky blue FFB	(IG)	Alizarine light blue BRP	(S)
5 BQ	(O)	Aniline blue BB spirit soluble	(IG)	Dyestuff blue BB	(IG)
6 BQ	(A)	Brilliant black BX	(IG)	Brilliant acid black 3B	(P)
7 BQ	(A)	Brilliant carmine L conc.	(IG)	Monosol carmine LS	(BDC)
8 BQ	(A)	Chromazurine G	(D-H)		
9 BQ	(D)	Direct light blue BV	(P)	Direct light blue BV conc.	(P)
10 BQ	(M)	Eriochrome orange 2RL	(G)	Eriochrome orange 2RL conc 1762	(G)
11 BQ	(S.V.)	Indigosol brill. pink I3B	(D-H)	Indigosol brill. pink I3B	(IG)
12 BQ	(S.V.)	Indigosol golden yellow IRK	(D-H)	Indigosol golden yellow IRK	(IG)
13 BQ	(S.V.)	Indigosol orange HR	(D-H)		
14 BQ	(S.V.)	Indigosol printing blue IGG	(D-H)		
15 BQ	(S.V.)	Indigosol printing violet IBBF	(D-H)		
16 BQ	(S.V.)	Indigosol printing violet IRR	(D-H)	Indigosol printing violet IRR	(IG)
17 BQ	(S.V.)	Indigosol red violet IRH	(D-H)	Indigosol red violet IRH	(IG)
18 BQ	(S.V.)	Indigosol scarlet HB	(D-H)		
19 BQ	(A)	Kiton fast yellow 3G	(J)	Kiton fast yellow 3 G	(J)
				Flavazine E 3 GL	(IG)
20 BQ	(A)	Neolan brown R	(J)	Pilatus fast brown RN	(IG)
21 BQ	(D.a.p.)	Para orange G	(By)	Para orange G conc.	(IG)
22 BQ	(A)	Polar brill. blue GAW	(G)	Polar brill. blue GAW conc.	(G)
23 BQ	(A)	Polar brill. red 10B	(G)	Polar brill. red 10B conc.	(G)
				Polar brill. red 10B—supra 1962—pure dye	(G)
24 BQ	(D.d.)	Rosanthrene 3 BN	(J)	Rosanthrene 3 BN conc.	(J)
25 BQ	(DAS)	Setacyl direct blue green BS, powder	(G)	Setacyl direct blue green BS supra 1827	(G)
26 BQ	(O)	Sudan red GG	(IG)	Cerol scarlet N4J	(Kuhlmann)
27 BQ	(V)	Vat olive green BS	(IG)	Vat olive green B	(IG)
28 BQ	(V)	Vat yellow 3GF, 15% paste	(By)	Vat yellow 3GF paste and pdr.	(IG)

Additional Names of Dyes Corresponding to Dyes Already Adopted as Standards

Std. No.	Class index.	Name of standard.	Mfr.	Partial list of trade names of imported products commercially identical with each standard.	Mfr.
16		S-800 Acid fuchsine S	(B)	Fuchsine acid ex F conc.	(P)
		C-692			
17		S-764 Acid green 2 B	(By)	Sulpho green 2 B highly conc.	(P)
		C-666			
39		S-1227 Algole brown R 12½% paste	(BY)	Solanthrene brown NR, paste and powder	(Kuhlmann)
		C-1151			
44		S-833 Algole olive R 12½% paste	(By)	Solanthrene olive NR paste and powder	(Kuhlmann)
		C-1150			
79		S-1201 Aliz. cyanine green G, soluble in oil	(By)	Fast organol green J	(P)
		C-1078			
129		S-16 Amido yellow E	(M)	Fast light yellow H E conc.	(Kuhlmann)
		C-11			
148		S-1249 Anthra flavone GC 12½% paste	(B)	Solane yellow NJ fine pdr.	(Kuhlmann)
		C-1095			
184		(D) Benzo fast bordeaux 6 BL	(BY)	Diazol light bordeaux N6B.	(Kuhlmann)
198		S-610 Benzo fast heliotrope 2 RL	(By)	Direct light violet 2R, ex conc.	(P)
		C-319			
221		(A) Brill. acid blue G	(BY)	Pure blue for wool, NJ extra.	(Kuhlmann)
223		S-767 Brill. acid green 6 B	(By)	Fast acid green 6 B.	(St. Denis)
		C-667		Erio viridine B supra I-771	(G)
4 BO		(A) Brill. aliz. milling blue G	(S)	Cloth fast brill. blue G	(J)
240		(D) Brill. Congo violet R	(A)	Violet direct brill. R	(P)
252		S-1316 Brill. indigo BB 20% paste	(B)	Indigo NBR, pastes and powder.	(Kuhlmann)
		C-1188			
1 BG		(A) Brill. indocyanine G	(IG)	Brill. acid blue G	(Kuhlmann)
5 BF		(A) Brill. wool blue FFB extra	(By)	Blue acide brill. RRB haute, conc.	(P)
282		(DAS) Celanese SRA red III 10% paste.	(BC)	Dispersol fast red AN, paste and powder	(BDC)
8 BN		(DAS) Cibacete blue green B	(J)	Cetol printing blue green	(A. Schomberg)
				Cetol blue green B	(A. Schomberg)
8 BG		V Cibanone navy blue RA 25% paste	(J)	Vat navy blue, pastes and pdr.	(IG)
				Solanthrene navy blue NR, pastes and powder	(Kuhlmann)
378		V Cibanone red G 17% paste	(J)	Cibanone red G, pastes and pdr.	(J)
425		S-VII-412 Diamine brown M	(C)	Diphenyl brown BVVC No. 238	(G)
		C-420			
497		(D.d.) Diazo brown R. W	(J)	Diazo brown R W A	(J)
7 BD		(D.d.) Diazo fast green BL	(J)	Rosanthrene fast green BLL	(J)
504		(D.d.) Diazo fast violet BL	(By)	Diazo fast violet BD	(Dutch Color & Chem. Wks.)
505		(D.d.) Diazo fast violet 3RL	(By)	Developed fast violet 3RL	(IG)
7 BC		(D.d.) Diazo fast yellow 3GL	(J)	Rosanthrene fast yellow GLL	(J)
508		(D.d.) Diazo geranine B extra	(B)	Developed geranine B extra	(IG)
564		(M) Eriochrome geranol R	(G)	Violet au chrome ECR	(St. Denis)
604		(D.a.) Formal fast black C conc.	(G)	Noir direct solide J	(P)
703		S-1234 Indanthrene blue GCD 8½% paste.	(B)	Solanthrene blue NJI, pastes and powder	(Kuhlmann)
		C-1118			
709		S-1228 Indanthrene blue RS 10% paste.	(B)	Solanthrene blue NRSN, pastes and powder	(Kuhlmann)
		C-1106			
11 BB		(V) Indanthrene brill. violet 3 B 20% paste	(IG)	Cibanone violet 5 B micro, pdr.	(J)
12 BB		(V) Indanthrene brill. violet 4R 33⅓% paste	(IG)	Solanthrene brill. violet N4R, pastes and powder	(Kuhlmann)
749		V Indanthrene violet 2R ex. 12½% paste	(B)	Solanthrene brill. violet N8R, pastes and powder	(Kuhlmann)
767		S-VII-286 Indoine BB extra	(B)	Safranine blue R, extra conc.	(P)
		C-135			
790		S-VII-765 Light green S F, yellowish	(B)	Sulpho green J 80	(P)
		C-670			
796		S-VII-978 Malta grey J	(P)	Gris direct B, double conc.	(P)
		C-873			
807		(M) Metachrome red G	(A)	Metachrome red 5G conc.	(IG)
811		S-535 Methyl alkali blue	(M)	Methyl alkali blue MBL.	(Schmincke)
		C-703			
821		(A) Milling orange G	(By)	Walk orange G	(Schmincke)
865		S-513 New magenta O	(M)	Neofuchsin pulver	(IG)
		C-678			
868		S-537 Night blue greenish D	(G)	Methyl silk blue new No. 706	(G)
		C-705			
877		(M) Omega chrome brown P.B	(S)	Aliz. chrome brown CB	(P)
9-BP		(A) Polar brill. red G	(G)	Polar brill. red G conc No. 1964.	(G)
933		C-653 Pyrazol orange G	(S)	Orange direct chloramine J	(P)
956		(B) Rhodamine 6 GDN	(B)	Rhodamine N6J, ex. conc.	(Kuhlmann)
				Rhodamine N6JH, ex. conc.	(Kuhlmann)
986		(D) Solamine blue FF	(A)	Direct light blue 240	(P)
992		S-589 Soluble blue T	(B)	Ink blue BJTE grains	(IG)
		C-707			
993		S-105 Sorbin red	(B)	Rouge acetophenylene S	(P)
		C-54			
19 BN		(O) Sudan brown RRN	(IG)	Frobeno brown RLN-1270	(G)
996		S-863 Sulpho rosazine B	(M)	Acid brill. rhodamine NB extra.	(Kuhlmann)
		C-748			
1025		S-618 Thioflavine TCN	(C)	Basic yellow TCN for lakes	(IG)
		C-815			
1037		S-1042 Thionine blue GO	(M)	Thionine blue N extra	(Kuhlmann)
		C-926			
20 BN		(D.a.) Trisulphon blue FO	(S)	Diazol chrome blue NCV.	(Kuhlmann)
1046		S-449 Trisulphon brown B	(S)	Brun direct chloramine FSR	(P)
		C-561			
1062		S-550 Victoria blue B	(B)	Basic blue B conc.	(Williams)
		C-729			

Changes in Standard List

Acid violet 6 BN (J) listed under standard 22.
Acid violet 7 BN (IG) listed under standard 1 BF.
Chromazurine G (var) listed under standard 321.
Cibanone yellow 2 GR (J) listed under standard 688.
Columbia catechine G (IG) listed under standard 427.
Diazo brown BWA (J) listed under standard 490.
Erio fast red B supra No. 1764 (G) listed under standard 156.
Fast mordant blue B, type 8025 (IG) listed under standard 11 BD.
Flavazine E, 3 GL (IG) listed under standard 1081.
Ink blue H-496 (G) listed under standard 866.
Kiton fast yellow 3 G (J) listed under standard 595.
Rosolane (P) listed under standard 975.
Vat yellow 3 GF (IG) listed under standard 668 are removed from the list.
Cibanone red G 40% paste (J), standard 378 is changed to cibanone red G 17% paste (J).

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Payable in advance at 12 Gold Street, New York

Equipment Offered

FOR SALE—One new 20-in. Ross stone mill; one laboratory filter press on stand; one automatic electric weighing machine; one 200 gal. high speed mixer with visible glass index; one small shellac cutter; one varnish oil burner. Box 128, Walbrook, Baltimore, Md.

FOR SALE—Two Schultz O'Neil sugar mills, 18 in., 24 in.; one Hammer mill, 31 in. x 18 in.; two Mead mills, No. 1, No. 3; six Ball mixers, 24 in., 36 in., 42 in.; nine grinding mixers, 2,000 lbs. to 6,000 lbs., similar to Hardinge mill; two pebble mills, 3 x 4 ft., unlined; one dry can set, 5 cans, 48½ in. x 24 in.; four mixers, 15 ft. x 3 ft. x 29 in.; five jacketed kettles with mixers, 250 gals.; one three-roller mill, 9x32 in.; Seitz filters, plate filter presses, 18 in. to 30 in.; lead mixers, all sizes steel tanks, jacketed kettles, pumps, etc. R. Gelb & Sons, 214 Livingston street, Newark, N. J.

FROM THE $10,000,000 Spreckels liquidation—Five No. 4 Vallez rotary filters; 1 Shriver filter press, 32-inch cast iron; 40 A. T. & M. 40-inch bronze basket centrifugal machines arranged in batteries of 3, 4, 6 and 8; 1 Swenson triple effect evaporator, copper tubes, 2,000 sq. ft. per effect; 120 motors, 5 h.p. to 150 h.p., 3 phase, 60 cycle, 220 volts; 2,000 tons pipe valves and fittings; miscellaneous vacuum, centrifugal and steam pumps; compressors, engines; 9 Heine water tube boilers, 500 h.p. each, 180 lb. pressure, with Murphy automatic stokers; 50 bucket elevators; large assortment laboratory equipment and library; 150 steel storage tanks, 500 gals. to 10,000 gals.; 15 horizontal jacketed, closed mixing tanks, 5,000 to 10,000 gallons each; miscellaneous screw and belt conveyors, etc. Send us your inquiries. Arrange to visit plant. Consolidated Products-Spreckels Liquidation, Yonkers, N. Y. Telephone: Yonkers 2400.

GAS STEAM boiler, Mears-Kane-Oldfeldt, 12 h.p., automatic feed pump, new condition, tested 130 lbs.; $250. W. A. Briggs Bitumen Co., 3303 Richmond street, Philadelphia, Pa.

Equipment Offered

FOR SALE—Five roller mill, lead mixers, semi-paste mixers, roller mills, pony mixers, change can mixers, pebble mills, dry mixers. Day rapid sifter No. 3. We buy surplus machinery. BOX 725, Oil, Paint and Drug Reporter.

FIND WHAT you want right in New York City. Pony mixers, post mixers, Day sifter-mixers, portable mixers, revolvators, jacketed kettles, tanks, three-roller mills, dough mixers. Storms-Harvey Equipment Co., 123 Bleecker street. SPring 7-8955.

PEBBLE MILLS, new porcelain jars and lining, rebuilt, guaranteed; stainless steel jacketed kettles; Abbe No. 2 rotary cutter; Stokes 100 cfm high vacuum pump, motor driven. Edw. W. Lawler, Inc., Durham avenue and L. V. R. R., Metuchen, N. J.

Equipment Wanted

WANTED—80-gal. Day-Brighton pony mixer or 75-gal. Day gearless drive pony mixer or similar equipment. BOX 727, Oil, Paint and Drug Reporter.

Manufacturer Wanted

WANTED—A manufacturer or distributor with national sales channels for a revolutionary type of dentifrice; patents now pending. Particulars to interested parties. BOX 722, Oil, Paint and Drug Reporter.

Materials Offered

PAINT MANUFACTURERS Attention—Write us for details concerning Unico caulking and putty oils and Unico paint and varnish remover. With the use of our products you will be able to manufacture and sell finest grade of putties, caulking compounds and paint removers at lowest prices. United Chemical Co., 202 S. Stinson street, Baltimore, Md.

Materials Wanted

WILL BUY any quantity surplus or by-product chemicals, greases, waxes, oils, solvents, colors, metal and all raw materials. We pay highest prices. Will also buy complete plant inventory. Write Barclay Chemical Company, Inc., 75 Varick street, New York City.

Plants Wanted

PLANT WANTED with good transportation facilities, already equipped for general chemical manufacture. Should include boiler, pumps, mixers, filter presses, pulverizers, storage tanks. Give full details in first letter. BOX 726, Oil, Paint and Drug Reporter.

Positions Vacant

LARGE NATIONAL manufacturer has openings for high grade men with formulating and operating knowledge of paints, varnishes and lacquers. Reply with full particulars. BOX 731, Oil, Paint and Drug Reporter.

Positions Wanted

MANAGING EXECUTIVE. Twenty years experience with leading corporations in chemical, varnish and allied industries. Exceptional background of research, manufacture and sales. Desire major position with smaller company. BOX 704, Oil, Paint and Drug Reporter.

WELL-KNOWN CHEMIST would sell or service for front rank house. Home or abroad. Color, varnish, resin, cellulose or related products. BOX 705, Oil, Paint and Drug Reporter.

ORGANIC CHEMIST, M.I.T. S.B., S.M. 1936. Experienced in advanced research and analytical technique. Well grounded in biochemistry, food chemistry, and auxiliary chemistries and sciences. Imaginative, resourceful, energetic. Excellent references. BOX 713, Oil, Paint and Drug Reporter.

Positions Wanted

PAINT MAKER, experienced in all branches of paint manufacturing, seeks position of responsibility; at present located in New York. BOX 714, Oil, Paint and Drug Reporter.

PILL AND TABLET specialist, medicinal, practical and intelligent supervision; general manufacture of all pharmaceutical and private formula products; can furnish excellent references; desire a change, married; with Parke-Davis & Co. 14 years. BOX 721, Oil, Paint and Drug Reporter.

CHEMICAL SALES executive, 10 years' experience heavy and fine chemicals (Chicago and vicinity), desires sales connection with manufacturer. Age 32, B.S. in chemical engineering, now employed. Available on short notice. Highest references. BOX 723, Oil, Paint and Drug Reporter.

SALESMAN—Paint, varnishes, colors, with established trade and good connections among leading jobbers, retail paint stores, industrial trade, etc., in Brooklyn and Queens, wishes to connect with first-class manufacturer. Commission basis. BOX 724, Oil, Paint and Drug Reporter.

ANALYTICAL CHEMIST having experience in oil refining and bio-chemical research. BOX 728, Oil, Paint and Drug Reporter.

CHEMICAL ENGINEER with experience in production of edible oils. BOX 729, Oil, Paint and Drug Reporter.

RESEARCH and control chemist, has worked in coaltars, dyes, lacquers and varnishes. BOX 730, Oil, Paint and Drug Reporter.

Surplus Stocks

CHECK INVENTORIES—Cash for any quantity surplus finished or raw material—chemicals, oils, coaltar products, metals, drugs, pharmaceuticals, gums, waste and by-product. Entire plants bought. Chemical Service Corp., 101A East 19th street, New York. Stuyvesant 9-0134.

REBUILT MACHINERY SELECTED ITEMS

20—Pebble Mills, including 6—50 gal. porcelain lined, 8—200 gal. burrstone lined, with roller bearings, 1—500 gal.
1—Stokes Rotary "DD" Tablet Machine.
5—Colton Stokes & Mulford Tablet Machines, ¾" to 2" dia.
10—175 gal. Copper and Aluminum Steam Jacketed Kettles.
2—500 gal. Aluminum Jack. Agit. Kettles.
2—26" Tolhurst Extractors, rubber lined baskets.
10—Dry Powder Mixers, 100 lbs. to 2,200 lbs. capacity.
1—Colton No. 10 worm type Paste Filler.
3—12x30 watercooled Roller Mills, one with roller bearings.
2—Day 12x32 w.c. chain drive Roller Mills.
5—Day Pony Mixers, 8, 15 and 40 gals.
8—Paste Mixers, 50 to 100 gals.
2—700 gal. Duriron Jack. Kettles, closed.
1—400 H.P. B. & W. Boiler, A.S.M.E. 200 lbs.
3—W. & P. Jack. Mixers, 100 gals., heatable sigma blades.
3—W. & P. Jack. Mixers, 200 gals., power tilting.
25—Filter Presses, 6" to 42" size.
1—J. P. Devine Double Drum Dryer, 4'x9'.

Miscellaneous: Dryers; Mixers; Fillers and Filter Presses; Kettles; Pulverizers; Mills; Grinders; Tanks; Pumps; Boilers; etc. Send for our Bulletins.

CONSOLIDATED PRODUCTS COMPANY, Inc.

15-17-19 Park Row, New York, N. Y.
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Plant: 335 Doremus Ave., Newark, N. J.
Cable Address: Equipment

HAVE YOU A PROBLEM SUCH AS

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For the uniform and thorough drying of a product at a temperature below 90° F. to preserve or prevent coagulating its natural properties, eliminate "foaming" and provide a safe and dependable method, we have a DEVINE Master Vacuum Drying unit with 13 heating shelves spaced 4" with circulating hot-water auxiliary. Condenser of ample cooling surface, and DEVINE Oil-sealed Rotary High Vacuum Pmup, motor driven.

MIXING?

From our stock, many types and makes are to be found, as: W & P 50-gallon double arm and jacketed mixer, Ross 50-gallon single blade and jacketed mixer, Sprout-Waldron 2' 6" x 14' 7" double shaft mixer, Day size "G," 2000 lb. mixer, Faust Cyclone Type, jacketed 200 and 500 gallon capacity.

GRINDING?

For which we suggest: Paterson 6' x 5' Silex lined pebble or ball mill, Ross vertical stone mill for pastes, etc., Schutz-O'Neil 20", and "Limited" Pulverizers, American, Day et al attrition mills, 20", 24", 30", Stedman 48" four-cage mill.

FILLING?

In this type, we are recognized as leaders for F. J. Stokes, Stokes & Smith, American Bond, J. H. Day POWDER FILLERS, Kiefer Visco, Vacuum and Gravity types, Pneumatic Scale Sameo Jr. 4 and 6 spout, U. S. Bottlers vacuum and gravity, Fowler vacuum and gravity LIQUID FILLERS, Colton worm type, Stokes gear and piston types, FMC hand and motorized PASTE FILLERS.

Whatever the Need in the Processing Industry, There Is Only One "First" Call, Write or Telegraph

FIRST MACHINERY CORPORATION

419 Lafayette St., N. Y. GRamercy 7-6622

Bids Wanted

(Continued from page 54)

Paint:—650 gallons; State Procurement Officer, Treasury Department, Harrisburg, Pa.; procurement 5-5651, opening November 3.

Rock Salt, Granulated:—65,000 pounds; District Quartermaster, C.C.C., Fort Thomas, Ky.; procurement 5504-36, opening November 4.

Salad Oil:—Supplies of, for various deliveries; January 1 to March 31; Procurement Division, Veterans Administration, Washington; procurement 51-S, opening November 10.

Salad Oil:—1,674,600 pounds; for various Eastern and Western yards; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 9086, opening November 9.

Salt:—Supplies of; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 626-73, opening November 6.

Supplies of; for various deliveries; Quartermaster Supply Officer, Fort Mason, San Francisco; procurement 928-124, opening November 6.

Scouring Powder:—6,816 pounds; Treasury Department, Procurement Division, Bureau of Supply, Federal Warehouse, Washington; procurement 896-S, opening November 3.

Supplies of; Quartermaster, Plattsburg Barracks, N. Y.; procurement 678-18, opening November 14.

Supplies of; Contracting Officer, Quartermaster Corps, St. Louis, Mo.; procurement 801-41, opening November 10.

Supplies of; Sales Officer, Fort George Wright, Wash.; procurement 972-13, opening November 6.

Supplies of; Commanding Officer, Quartermaster Depot, Seattle, Wash.; procurement 827-17, opening November 9.

Shellac:—Supplies of; Quartermaster, West Point, N. Y.; procurement 955-46, opening November 11.

Shoe Polish:—Supplies of; Contracting Officer, Quartermaster Corps, St. Louis, Mo.; procurement 801-41; opening November 10

Soap, Chip:—12,000 pounds; Quartermaster Depot, 1819 West Pershing road, Chicago; procurement 199-93, opening November 5.

Supplies of; Sales Officer, Fort George Wright, Wash.; procurement 972-13, opening November 6.

2,000 pounds; Commanding Officer, Frankford Arsenal, Pa.; circular 207, opening November 3.

Soap, Grit:—20,000 9-ounce cakes; Quartermaster Depot, 1819 West Pershing road, Chicago; procurement 199-90, opening November 18.

Soap, Laundry:—7,500 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3193, opening November 16.

559,980 pounds; Quartermaster Depot, 1819 West Pershing road, Chicago; procurement 199-90, opening November 18.

Supplies of; Contracting Officer, Quartermaster Corps, St. Louis, Mo.; procurement 801-41, opening November 10.

Soap, Toilet:—Supplies of; Sales Officer, Fort George Wright, Wash.; procurement 972-13, opening November 6.

Supplies of; Contracting Officer, Quartermaster Corps, St. Louis, Mo.; procurement 801-41, opening November 10.

Soaps, Various:—Supplies of; Commanding Officer, Quartermaster Depot, Seattle, Wash.; procurement 827-17, opening November 9.

Soda Bichromate:—3,200 pounds; Commanding Officer, Picatinny Arsenal, N. J.; circular 222, opening November 6.

Soda Bichromate:—1,600 pounds; Commanding Officer, Picatinny Arsenal, N. J.; circular 199, opening November 2.

Soda, Laundry: — 26,880 pounds; Quartermaster Depot, 1819 West Pershing road, Chicago; procurement 199-93, opening November 5.

Spar Mixing Varnish:—3,000 gallons; General Purchasing Officer, Panama Canal, Washington; schedule 3191, opening November 5.

Spices and Flavoring Extracts:—Supplies of; for various deliveries; Contracting Officer, Quartermaster Corps, St. Louis, Mo.; procurement 801-40, opening November 6.

Supplies of; Commanding Officer, Quartermaster Depot, Seattle, Wash.; procurement 827-17, opening November 9.

Sponges:—Supplies of for delivery at various east and west coast points; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 9186, opening November 17.

Talcum Powder:—Supplies of; Quartermaster, Plattsburg Barracks, N. Y.; procurement 678-18, opening November 14.

Tar:—27,000 gallons; State Procurement Officer, Treasury Department, Montgomery, Ala.; procurement 100-99, opening November 5.

Tooth Paste: — Supplies of; Quartermaster, Plattsburg Barracks, N. Y.; procurement 678-18, opening November 14.

Tooth Paste and Tooth Powder:—Supplies of; Contracting Officer, Quartermaster Corps, St. Louis, Mo.; procurement 801-41, opening November 10.

Trinitrotoluol:—2,715,000 pounds, for Yorktown; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 9116, opening November 3.

Turpentine:—3,000 gallons for Yorktown; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 9136, opening November 3.

Varnish:—Supplies of; Quartermaster, West Point, N. Y.; procurement 955-46, opening November 11.

Vegetable Shortening:—3,617,000 pounds, for various Eastern and Western yards; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 9106, opening December 16.

Washing Powder: — Supplies of; Quartermaster, Plattsburg Barracks, N. Y.; procurement 678-18, opening November 14.

Watergas Tar, Cutback: — 10,000 gallons; State Procurement Officer, Harrisburg, Pa. Treasury Department, Harrisburg, Pa.; procurement 6-750, opening November 5.

Wax: — Supplies of; Quartermaster, West Point, N. Y.; procurement 955-46, opening November 11.

White Enamel:—1,000 gallons; General Purchasing Officer, Panama Canal, Washington; schedule 3191, opening November 5.

White Lead:—1,000 pounds; Quartermaster, Fort Washington, Md.; circular 7, opening November 9.

White Lead in Oil:—16,000 pounds; Quartermaster, West Point, N. Y.; procurement 955-46, opening November 11.

1,000 pounds; U. S. Engineer Office, Buffalo, N. Y.; procurement 25, opening November 5.

14,300 pounds; Purchasing and Contracting Officer, Fort Douglas, Utah; circular 268-9, opening November 5.

White Lead in Oil:—200,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3191, opening November 5.

Yellow Ammunition Paint:—500 gallons; Commanding Officer, Picatinny Arsenal, N. J.; circular 193, opening November 2.

Zinc Oxide in Oil:—50,000 pounds; Commanding Officer, General Purchasing Officer, Panama Canal, Washington; schedule 3191, opening November 5.

William C. Dabney, vice-president of the Jones-Dabney Company, varnish manufacturer, Louisville, Ky., has been nominated by Mayor Miller of that city as a member of the board of trustees of the University of Louisville, to fill out the unexpired term of the late Fred W. Keisker. He will serve until March, 1940.

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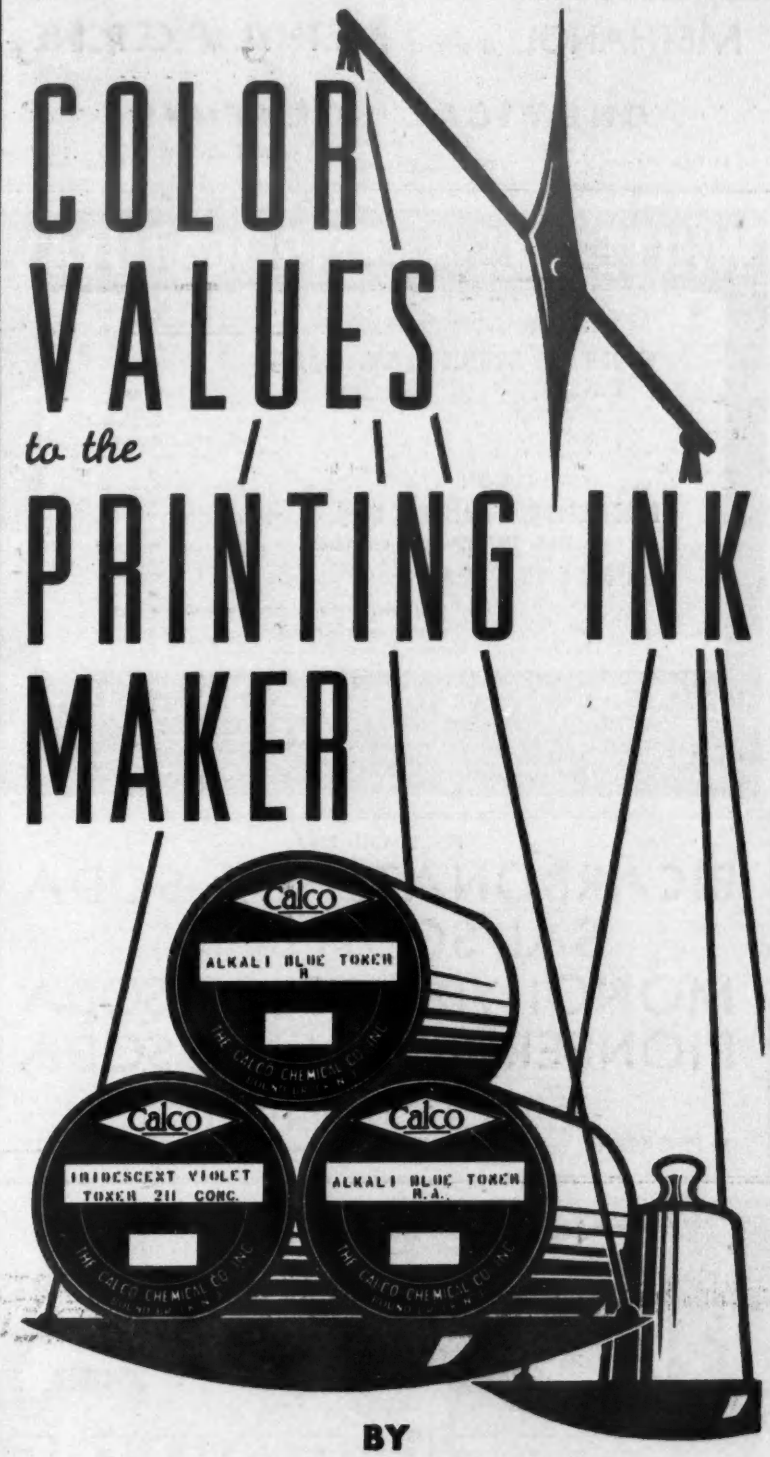

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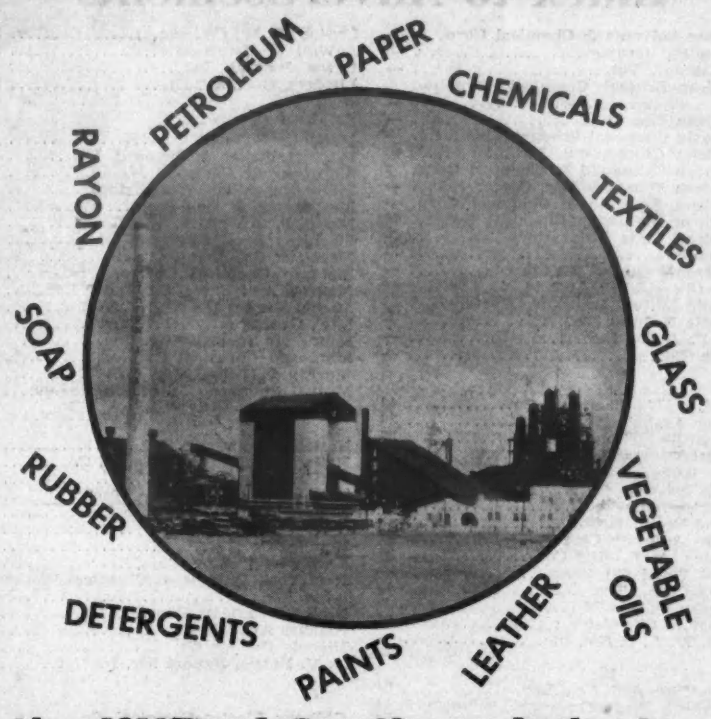

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"What the Shipper Puts In the Customer Takes Out"

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